

Converting Colors

XYZ(74.9253, 78.4833, 85.1385)

Have a look what the booklet for
XYZ(74.9253, 78.4833, 85.1385)
contains.

XYZ(75.1172, 78.6847, 85.3573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(75.1172, 78.6847,
85.3573)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E5E5
RGB	231, 229, 229
RGB Percent	91%, 90%, 90%
CMY	0.0941, 0.1019, 0.1020
CMYK	0.00, 0.01, 0.01, 0.09
HSL	0°, 4%, 90%
HSV	0°, 1%, 91%
XYZ	75.1172, 78.6847, 85.3573
YIQ	229.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

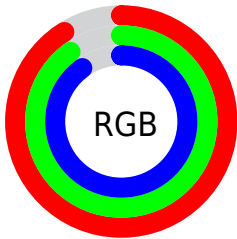
Format	Color
R_{YB}	231, 229, 229
Decimal	15197669
CIE Lab	91.09, 0.68, 0.23
CIE LCh	91, 0.715, 18.600
Yxy	78.6847, 0.3141, 0.3290
Android (android.graphics.Color)	4293387749 (0xFFE7E5E5)
YUV	229.5980, -0.2948, 1.2296
Hunter-Lab	88.7044, -4.0742, 5.0403

Details

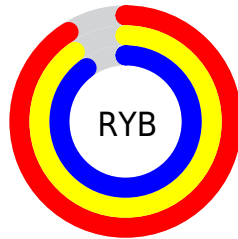
The XYZ color **75.1172, 78.6847, 85.3573** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3129, 79.5784, 86.9932**, and the grayscale version is **74.9202, 78.8219, 85.8370**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4552, 42.4421, 46.1043** is the 20% darker color. If you saturate the color by 10%, you get **66.1435, 65.5594, 67.4978**, and if you desaturate by 10%, it is **85.3718, 93.6828, 105.7630**.

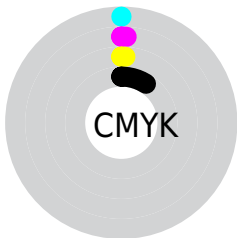
Distribution



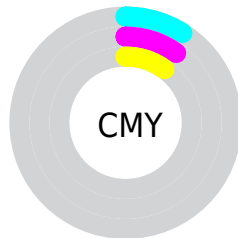
- Red (91%)
- Green (90%)
- Blue (90%)



- Red (91%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1172, 78.6847, 85.3573 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.1172, 78.6847, 85.3573 by changing the saturation by 10% instead.

■ 75.1172, 78.6847,
85.3573

■ 75.1172, 78.6847,
85.3573

467.3113,
490.4890, 532.9850

■ 56.0034, 58.6366,
63.5848

125.4653,
131.5149, 142.7509

■ 40.4427, 42.3207,
45.8704

157.4303,
165.0658, 179.2090

■ 28.0696, 29.3525,
31.7957

194.4097,
203.8864, 221.3994

■ 18.5189, 19.3476,
20.9419

236.7690,
248.3611, 269.7407

■ 11.4251, 11.9217,
12.8907

284.8734,
298.8743, 324.6514

■ 6.4229, 6.6904,
7.2235

339.0884,

■ 3.1470, 3.2692,

355.8105, 386.5500

3.5217

399.7792,
419.5539, 455.8550

■ 1.2320, 1.2739,
1.3668

■ 0.1314, 0.1208,
0.1156

■ 75.1172, 78.6847,
85.3573

■ 75.1172, 78.6847,
85.3573

■ 66.1435, 65.5594,
67.4978

■ 85.3718, 93.6828,
105.7630

■ 58.3940, 54.2236,
52.0799

■ 86.7655, 95.7292,
108.5123

■ 51.8177, 44.6030,
38.9989

■ 46.3574, 36.6142,
28.1410

■ 41.9513, 30.1665,
19.3827

■ 38.5314, 25.1609,
12.5882

■ 36.0219, 21.4864,
7.6063

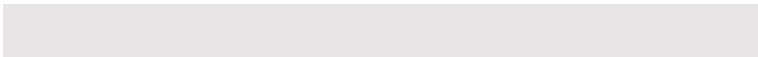
■ 34.3358, 19.0163,
4.2635

■ 33.3694, 17.5990,
2.3525

Harmonies

Analogous

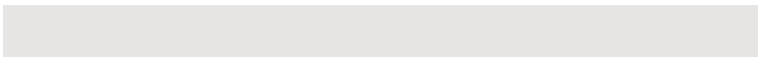
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1285, 78.6847, 85.8711



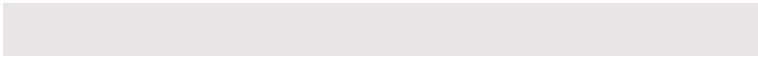
75.1172, 78.6847, 85.3573



75.0174, 78.6847, 84.9301

Triad

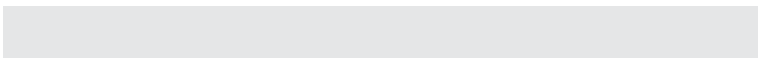
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1172, 78.6847, 85.3573



74.5271, 78.6847, 85.0180



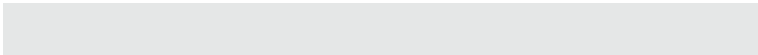
74.7188, 78.6847, 86.6533

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



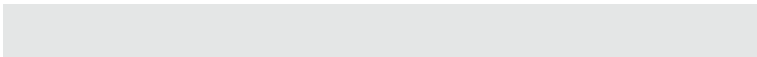
75.1172, 78.6847, 85.3573



75.3129, 79.5784, 86.9932

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5579, 78.6847, 86.4228



75.1172, 78.6847, 85.3573



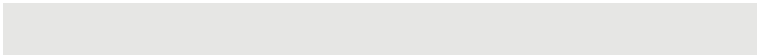
74.4474, 78.6847, 85.4777

Square

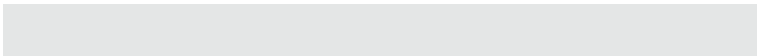
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



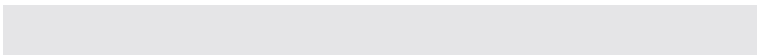
75.1172, 78.6847, 85.3573



74.6767, 78.6847, 84.7347



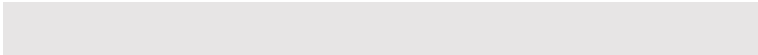
74.4587, 78.6847, 85.9920



74.8983, 78.6847, 86.6207

Rectangle

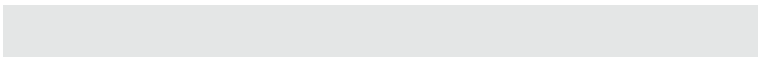
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



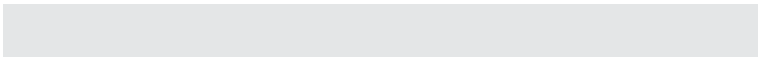
75.1172, 78.6847, 85.3573



74.9143, 78.6847, 84.7512



74.4587, 78.6847, 85.9920



74.6608, 78.6847, 86.6040

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.1194, 78.6881, 85.3590

95.0500, 100.0000, 108.9000



75.3993, 78.7983, 86.8381



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

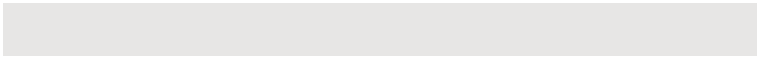
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1194, 78.6881, 85.3590



93.8356, 98.2238, 106.4832



75.3959, 79.2409, 85.4512



16.0249, 16.7794, 18.1954



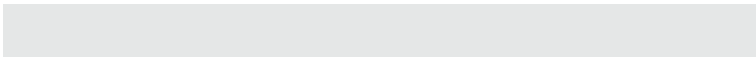
18.4788, 9.5318, 0.8659



1.3663, 0.7060, 0.0643

Inverse Universe

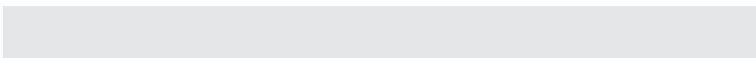
The Inverse Universe completely reimagines the original color for something new.



75.3129, 79.5784, 86.9932



94.1165, 99.5164, 108.8559



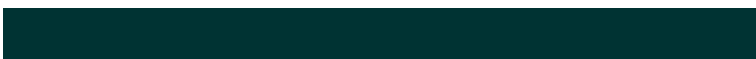
75.0349, 79.0224, 86.9006



16.0700, 16.9869, 18.5761



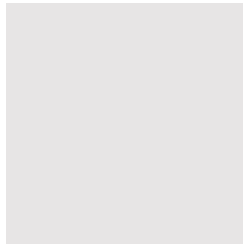
24.0368, 35.1358, 47.8982



1.7770, 2.5980, 3.5398

Previews

White Background



This preview shows how the XYZ color 75.1172, 78.6847, 85.3573 looks on a white background.

Color Contrast Check

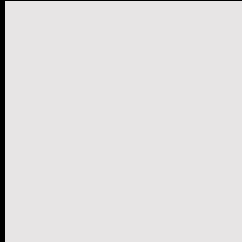
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.1172, 78.6847, 85.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

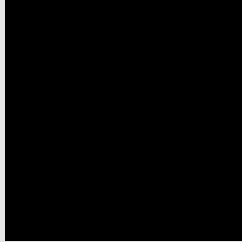
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

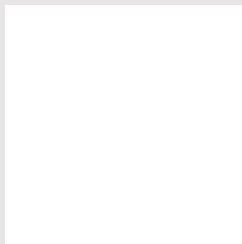
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1172, 78.6847, 85.3573

Background



This preview shows how black text looks on a background with the XYZ color 75.1172, 78.6847, 85.3573.



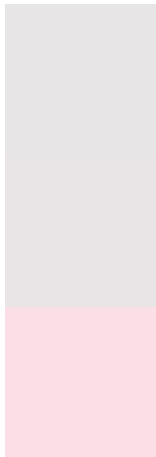
This preview shows how white text looks on a background with the XYZ color 75.1172, 78.6847,

85.3573.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.1172, 78.6847, 85.3573

Protanopia

75.4905, 78.4676, 85.2957

Deuteranopia

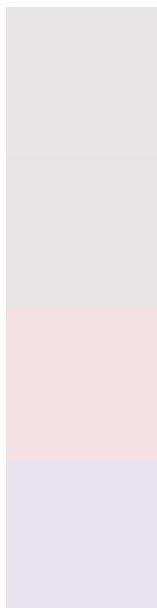
80.1879, 78.4650, 85.7818



Tritanopia

77.4025, 78.7935, 96.7171

Trichromacy



Original Color

75.1172, 78.6847, 85.3573

Protanomaly

75.1650, 78.2998, 85.2805

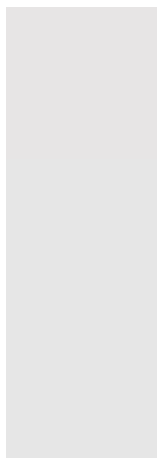
Deuteranomaly

78.5164, 78.7967, 85.9339

Tritanomaly

76.6021, 78.8746, 92.8483

Monochromacy



Original Color

75.1172, 78.6847, 85.3573

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2129, 79.1298, 86.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1172, 78.6847, 85.3573 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(231, 229, 229) looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 229) }
```

Border

The CSS property to change the border of an element to XYZ 75.1172, 78.6847, 85.3573 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 229, 229) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 229, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 229, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 229, 229); box-shadow:4px 4px 4px 4px rgb(231, 229, 229) }
```


Background

The CSS property to change the background color of an element to XYZ 75.1172, 78.6847, 85.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
229, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor