

Converting Colors

XYZ(74.5311, 78.1976, 84.0343)

Have a look what the booklet for
XYZ(74.5311, 78.1976, 84.0343)
contains.

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Color

**XYZ(74.2417, 77.8559,
83.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E4E3
RGB	230, 228, 227
RGB Percent	90%, 89%, 89%
CMY	0.0980, 0.1059, 0.1098
CMYK	0.00, 0.01, 0.01, 0.10
HSL	20°, 6%, 90%
HSV	20°, 1%, 90%
XYZ	74.2417, 77.8559, 83.7878
YIQ	228.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

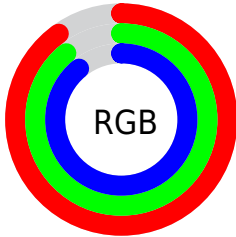
Format	Color
R _Y B	230, 229, 227
Decimal	15131875
CIE Lab	90.71, 0.50, 0.71
CIE LCh	91, 0.873, 54.976
Yxy	77.8559, 0.3147, 0.3301
Android (android.graphics.Color)	4293321955 (0xFFE6E4E3)
YUV	228.4840, -0.7316, 1.3295
Hunter-Lab	88.2360, -4.2232, 5.4641

Details

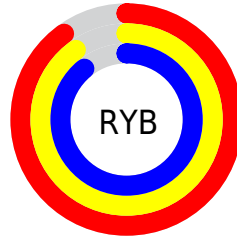
The XYZ color **74.2417, 77.8559, 83.7878** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9808, 78.0817, 86.0361**, and the grayscale version is **74.1036, 77.9628, 84.9014**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0692, 41.9797, 45.0207** is the 20% darker color. If you saturate the color by 10%, you get **67.2524, 68.6220, 66.8285**, and if you desaturate by 10%, it is **82.0322, 88.0115, 103.1083**.

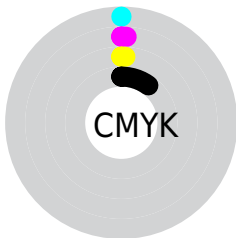
Distribution



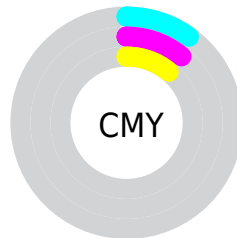
- Red (90%)
- Green (89%)
- Blue (89%)



- Red (90%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2417, 77.8559, 83.7878 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 74.2417, 77.8559, 83.7878 by changing the saturation by 10% instead.

■ 74.2417, 77.8559,
83.7878

■ 74.2417, 77.8559,
83.7878

464.3446,
487.6773, 527.6479

■ 55.2839, 57.9556,
62.2959

124.2320,
130.3470, 140.5374

■ 39.8638, 41.7730,
44.8345

155.9953,
163.7065, 176.6321

■ 27.6161, 28.9236,
30.9851

192.7576,
202.3213, 218.4316

■ 18.1754, 19.0230,
20.3291

234.8845,
246.5757, 266.3542

■ 11.1765, 11.6869,
12.4481

282.7413,
296.8541, 320.8186

■ 6.2538, 6.5309,
6.9234

336.6934,

■ 3.0421, 3.1705,

353.5409, 382.2434

3.3365

397.1060,
417.0205, 451.0470

■ 1.1761, 1.2214,
1.2689

■ 0.0874, 0.0791,
0.0361

■ 74.2417, 77.8559,
83.7878

■ 74.2417, 77.8559,
83.7878

■ 67.2524, 68.6220,
66.8285

■ 82.0322, 88.0115,
103.1083

■ 61.0314, 60.2738,
52.1341

■ 86.4436, 95.5632,
108.4972

■ 55.5531, 52.7875,
39.6093

■ 50.7878, 46.1345,
29.1501

■ 46.7041, 40.2847,
20.6436

■ 43.2675, 35.2059,
13.9663

■ 40.4404, 30.8634,
8.9801

■ 38.1807, 27.2198,
5.5271

■ 36.4396, 24.2333,
3.4187

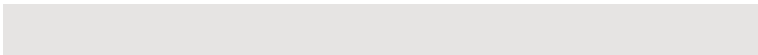
Harmonies

Analogous

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



74.3822, 77.8559, 84.2635



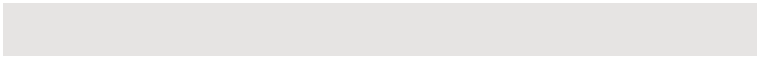
74.2417, 77.8559, 83.7878



74.0366, 77.8559, 83.5758

Triad

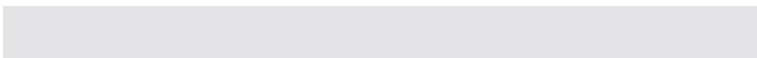
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2417, 77.8559, 83.7878



73.5809, 77.8559, 84.6662



74.1777, 77.8559, 85.8701

Complementary

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



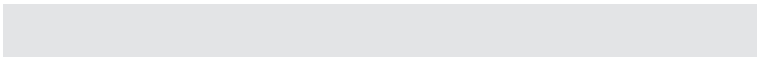
74.2417, 77.8559, 83.7878



73.9808, 78.0817, 86.0361

Split Complementary

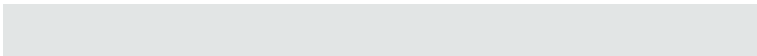
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9628, 77.8559, 85.9792



74.2417, 77.8559, 83.7878



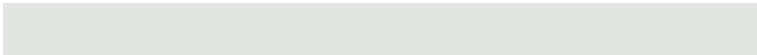
73.6185, 77.8559, 85.2822

Square

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



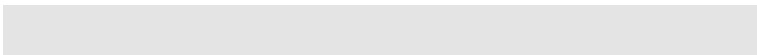
74.2417, 77.8559, 83.7878



73.6553, 77.8559, 84.0814



73.7582, 77.8559, 85.7636



74.3452, 77.8559, 85.4660

Rectangle

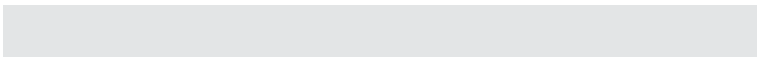
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



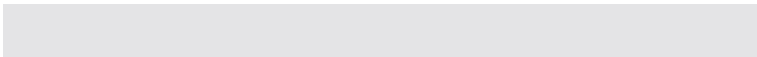
74.2417, 77.8559, 83.7878



73.8909, 77.8559, 83.6118



73.7582, 77.8559, 85.7636



74.1086, 77.8559, 85.9425

Sweetspot

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



74.2439, 77.8593, 83.7895

95.0500, 100.0000, 108.9000



74.2462, 77.4195, 85.1601



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

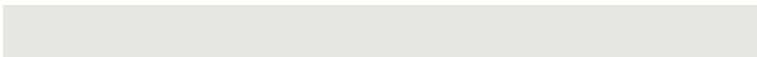
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2439, 77.8593, 83.7895



93.1667, 97.5299, 104.2750



74.6573, 78.6860, 83.9273



15.9175, 16.6680, 17.8407



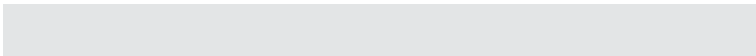
20.0771, 12.7284, 1.3987



1.5667, 1.1068, 0.1311

Inverse Universe

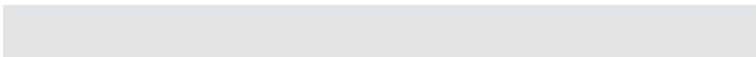
The Inverse Universe completely reimagines the original color for something new.



73.9808, 78.0817, 86.0361



92.6564, 97.9614, 108.6327



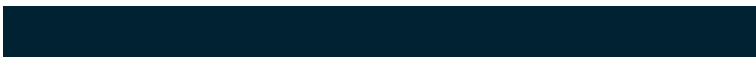
73.5687, 77.2574, 85.8987



15.8356, 16.7373, 18.5403



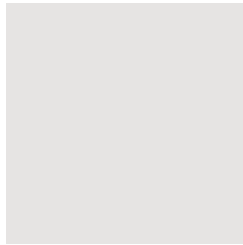
14.6549, 16.3718, 44.7709



1.1676, 1.3792, 3.3366

Previews

White Background



This preview shows how the XYZ color 74.2417, 77.8559, 83.7878 looks on a white background.

Color Contrast Check

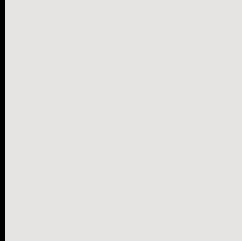
Large Text (above 18pt) WCAG AA × Fail

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 74.2417, 77.8559, 83.7878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

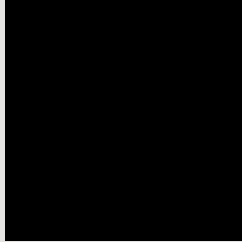
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

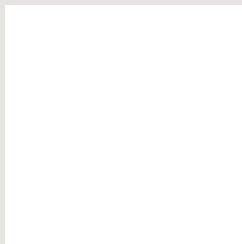
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2417, 77.8559, 83.7878

Background



This preview shows how black text looks on a background with the XYZ color 74.2417, 77.8559, 83.7878.



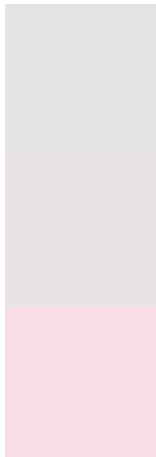
This preview shows how white text looks on a background with the XYZ color 74.2417, 77.8559,

83.7878.

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

74.2417, 77.8559, 83.7878

Protanopia

74.9385, 77.8079, 83.7418

Deuteranopia

79.2844, 77.6383, 84.2057



Tritanopia

76.3816, 77.4773, 95.7229

Trichromacy



Original Color

74.2417, 77.8559, 83.7878

Protanomaly

74.6129, 77.6400, 83.7265

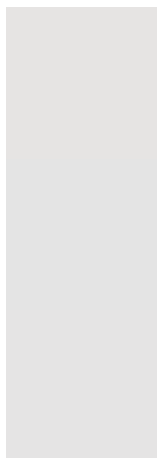
Deuteranomaly

77.6214, 77.9674, 84.3569

Tritanomaly

75.4374, 77.4961, 91.1030

Monochromacy



Original Color

74.2417, 77.8559, 83.7878

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0601, 77.7463, 84.5019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2417, 77.8559, 83.7878 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(230, 228, 227) looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 227)  
}
```

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(230, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.2417, 77.8559, 83.7878 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(230, 228, 227) }
```

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

```
.border{ border-color:rgb(230, 228, 227) }
```

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

Here you see how a box with a 4 pixel rgb(230, 228, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
227) }
```


Background

The CSS property to change the background color of an element to XYZ 74.2417, 77.8559, 83.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 228, 227) }
```

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

```
.background{ background-color: rgb(230,  
228, 227) }
```

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](#).

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