

Converting Colors

XYZ(74.3334, 78.4339, 85.6336)

Have a look what the booklet for
XYZ(74.3334, 78.4339, 85.6336)
contains.

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Color

**XYZ(74.1571, 78.1897,
85.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E5E5
RGB	228, 229, 229
RGB Percent	89%, 90%, 90%
CMY	0.1059, 0.1019, 0.1020
CMYK	0.00, 0.00, 0.00, 0.10
HSL	180°, 2%, 90%
HSV	180°, 0%, 90%
XYZ	74.1571, 78.1897, 85.3124
YIQ	228.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

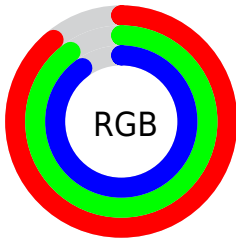
Format	Color
R_{YB}	228, 229, 229
Decimal	15001061
CIE Lab	90.87, -0.33, -0.13
CIE LCh	91, 0.354, 201.121
Yxy	78.1897, 0.3120, 0.3290
Android (android.graphics.Color)	4293191141 (0xFFE4E5E5)
YUV	228.7010, 0.1474, -0.6148
Hunter-Lab	88.4249, -5.0456, 4.6945

Details

The XYZ color **74.1571, 78.1897, 85.3124** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0630, 77.7484, 84.5061**, and the grayscale version is **74.2576, 78.1248, 85.0779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0096, 42.2123, 46.0835** is the 20% darker color. If you saturate the color by 10%, you get **67.3570, 74.6877, 84.9349**, and if you desaturate by 10%, it is **81.9240, 82.1945, 85.7384**.

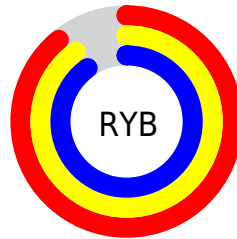
Distribution



Red (89%)

Green (90%)

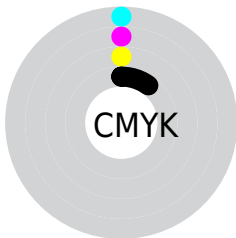
Blue (90%)



Red (89%)

Yellow (90%)

Blue (90%)

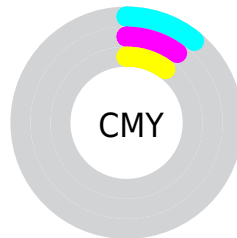


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1571, 78.1897, 85.3124 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 74.1571, 78.1897, 85.3124 by changing the saturation by 10% instead.

■ 74.1571, 78.1897,
85.3124

■ 74.1571, 78.1897,
85.3124

464.0573,
488.8108, 532.8327

■ 55.2144, 58.2298,
63.5479

124.1128,
130.8175, 142.6876

■ 39.8079, 41.9934,
45.8408

155.8565,
164.2542, 179.1354

■ 27.5723, 29.0962,
31.7724

192.5978,
202.9520, 221.3147

■ 18.1423, 19.1536,
20.9244

234.7022,
247.2953, 269.6440

■ 11.1525, 11.7813,
12.8780

282.5350,
297.6684, 324.5420

■ 6.2376, 6.5949,
7.2149

336.4615,

■ 3.0321, 3.2101,

354.4558, 386.4270

3.5164

396.8472,
418.0418, 455.7178

■ 1.1708, 1.2424,
1.3640

■ 0.0831, 0.0959,
0.1134

■ 74.1571, 78.1897,
85.3124

■ 74.1571, 78.1897,
85.3124

■ 67.3570, 74.6877,
84.9349

■ 81.9240, 82.1945,
85.7384

■ 61.4794, 71.6590,
84.5990

■ 83.4272, 82.9681,
85.8696

■ 56.4866, 69.0865,
84.3046

■ 83.4389, 82.9728,
85.9311

■ 52.3356, 66.9479,
84.0496

■ 83.4506, 82.9775,
85.9926

■ 48.9801, 65.2194,
83.8318

■ 83.4622, 82.9821,
86.0541

■ 46.3689, 63.8746,
83.6489

■ 83.4739, 82.9868,
86.1157

■ 44.4453, 62.8843,
83.4982

■ 83.4856, 82.9915,
86.1773

■ 43.1441, 62.2149,
83.3767

■ 83.4973, 82.9962,
86.2389

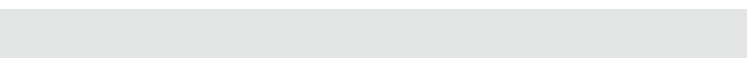
■ 42.3878, 61.8263,
83.2807

■ 83.5090, 83.0009,
86.3006

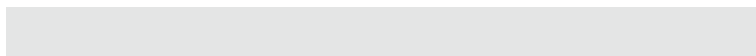
Harmonies

Analogous

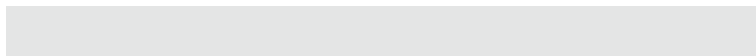
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1476, 78.1897, 85.0595



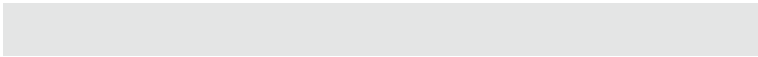
74.1571, 78.1897, 85.3124



74.2094, 78.1897, 85.5182

Triad

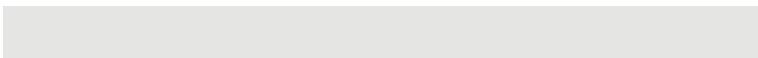
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1571, 78.1897, 85.3124



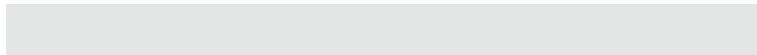
74.4506, 78.1897, 85.4440



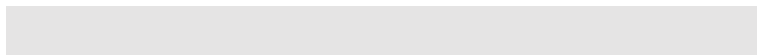
74.3434, 78.1897, 84.6509

Complementary

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



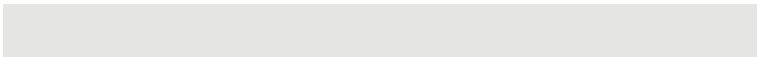
74.1571, 78.1897, 85.3124



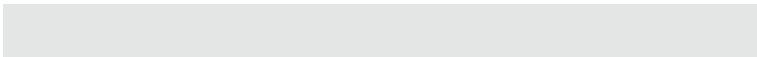
74.0630, 77.7484, 84.5061

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.



74.4247, 78.1897, 84.7535



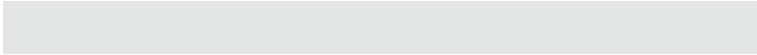
74.1571, 78.1897, 85.3124



74.4865, 78.1897, 85.2111

Square

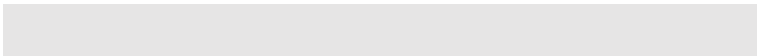
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



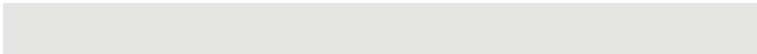
74.1571, 78.1897, 85.3124



74.3788, 78.1897, 85.5943



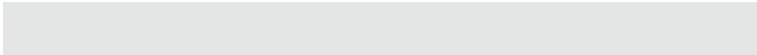
74.4771, 78.1897, 84.9584



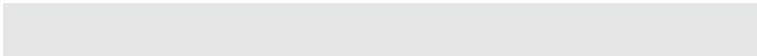
74.2552, 78.1897, 84.6779

Rectangle

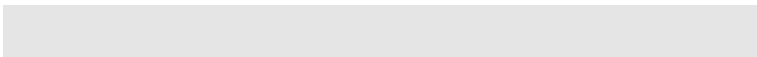
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



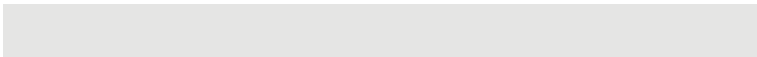
74.1571, 78.1897, 85.3124



74.2615, 78.1897, 85.6009



74.4771, 78.1897, 84.9584



74.3725, 78.1897, 84.6714

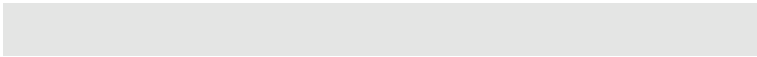
Sweetspot

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



74.1593, 78.1931, 85.3141

95.0500, 100.0000, 108.9000



74.0254, 78.1401, 84.5810



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

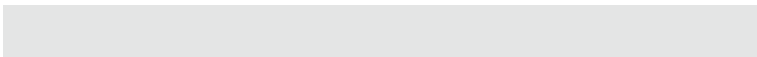
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1593, 78.1931, 85.3141



94.1166, 99.5190, 108.8485



74.0258, 77.9252, 85.2721



16.0700, 16.9873, 18.5750



24.0408, 35.2484, 47.5767



1.7773, 2.6050, 3.5197

Inverse Universe

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



74.0630, 77.7484, 84.5061



93.8355, 98.2212, 106.4905



74.1961, 78.0154, 84.5480



16.0249, 16.7790, 18.1965



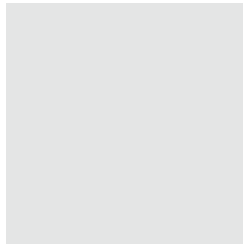
18.4786, 9.5257, 0.8834



1.3663, 0.7042, 0.0693

Previews

White Background



This preview shows how the XYZ color 74.1571, 78.1897, 85.3124 looks on a white background.

Color Contrast Check

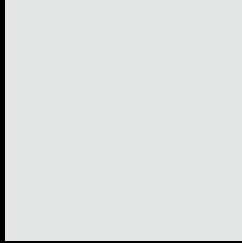
Large Text (above 18pt) WCAG AA × Fail

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 74.1571, 78.1897, 85.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

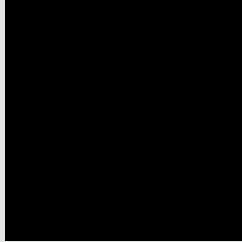
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

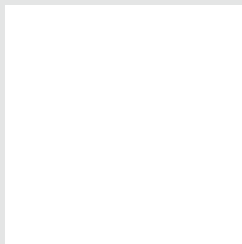
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1571, 78.1897, 85.3124

Background



This preview shows how black text looks on a background with the XYZ color 74.1571, 78.1897, 85.3124.



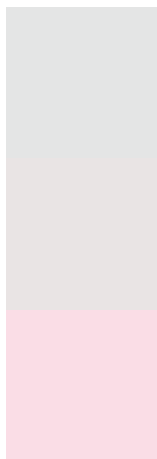
This preview shows how white text looks on a background with the XYZ color 74.1571, 78.1897,

85.3124.

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

74.1571, 78.1897, 85.3124

Protanopia

75.3513, 78.4119, 84.5624

Deuteranopia

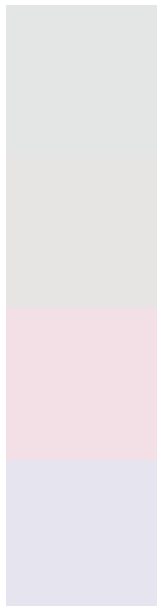
79.5637, 77.7501, 85.6767



Tritanopia

76.5836, 78.3537, 97.4736

Trichromacy



Original Color

74.1571, 78.1897, 85.3124

Protanomaly

74.7020, 78.0772, 84.5320

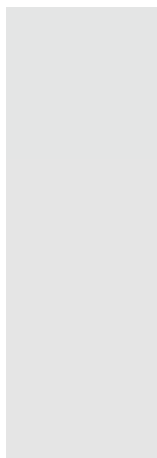
Deuteranomaly

77.5565, 77.9017, 85.8118

Tritanomaly

75.6365, 78.3768, 92.8031

Monochromacy



Original Color

74.1571, 78.1897, 85.3124

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4753, 78.3538, 85.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1571, 78.1897, 85.3124 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(228, 229, 229) looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.1571, 78.1897, 85.3124 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(228, 229, 229) }
```

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

```
.border{ border-color:rgb(228, 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(228, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
229) }
```


Background

The CSS property to change the background color of an element to XYZ 74.1571, 78.1897, 85.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 229) }
```

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

```
.background{ background-color: rgb(228,  
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](#).

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