

Converting Colors

XYZ(75.4806, 79.5190, 85.3708)

Have a look what the booklet for
XYZ(75.4806, 79.5190, 85.3708)
contains.

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Color

**XYZ(75.6738, 79.7979,
85.5428)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E7E5
RGB	231, 231, 229
RGB Percent	91%, 91%, 90%
CMY	0.0941, 0.0941, 0.1020
CMYK	0.00, 0.00, 0.01, 0.09
HSL	60°, 4%, 90%
HSV	60°, 1%, 91%
XYZ	75.6738, 79.7979, 85.5428
YIQ	230.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

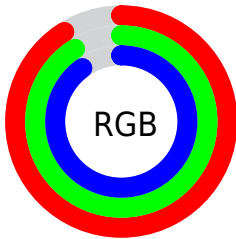
Format	Color
R_YB	229, 231, 229
Decimal	15198181
CIE Lab	91.59, -0.35, 0.96
CIE LCh	92, 1.023, 110.022
Yxy	79.7979, 0.3140, 0.3311
Android (android.graphics.Color)	4293388261 (0xFFE7E7E5)
YUV	230.7720, -0.8736, 0.2000
Hunter-Lab	89.3297, -5.1143, 5.7542

Details

The XYZ color **75.6738, 79.7979, 85.5428** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.7592, 78.4682, 86.8110**, and the grayscale version is **75.7940, 79.7412, 86.8382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6491, 42.8299, 46.1690** is the 20% darker color. If you saturate the color by 10%, you get **72.6471, 78.5881, 69.6696**, and if you desaturate by 10%, it is **79.1343, 81.1863, 103.6800**.

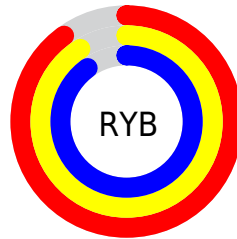
Distribution



Red (91%)

Green (91%)

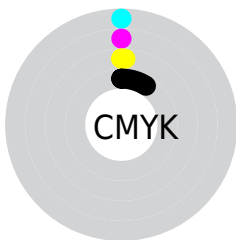
Blue (90%)



Red (90%)

Yellow (91%)

Blue (90%)

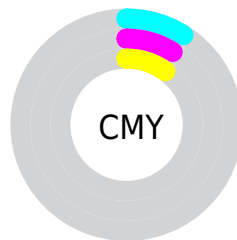


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6738, 79.7979, 85.5428 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 75.6738, 79.7979, 85.5428 by changing the saturation by 10% instead.

■ 75.6738, 79.7979,
85.5428

■ 75.6738, 79.7979,
85.5428

469.1919,
494.2515, 533.6138

■ 56.4612, 59.5521,
63.7372

126.2485,
133.0816, 143.0122

■ 40.8112, 43.0577,
45.9931

158.3413,
166.8882, 179.5131

■ 28.3586, 29.9304,
31.8917

195.4582,
205.9838, 221.7496

■ 18.7380, 19.7857,
21.0147

237.9646,
250.7529, 270.1401

■ 11.5840, 12.2394,
12.9434

286.2258,
301.5798, 325.1033

■ 6.5313, 6.9069,
7.2593

340.6072,

■ 3.2144, 3.4040,

358.8489, 387.0576

3.5439

401.4741,
422.9447, 456.4216

■ 1.2682, 1.3461,
1.3786

■ 0.1592, 0.1765,
0.1250

■ 75.6738, 79.7979,
85.5428

■ 75.6738, 79.7979,
85.5428

■ 72.6471, 78.5881,
69.6696

■ 79.1343, 81.1863,
103.6800

■ 70.0306, 77.5398,
55.9666

■ 79.6119, 81.3790,
106.1195

■ 67.8086, 76.6494,
44.3411

■ 79.6263, 81.3864,
106.1201

■ 65.9619, 75.9090,
34.6919

■ 79.6408, 81.3939,
106.1208

64.4696, 75.3104,
26.9089

79.6552, 81.4014,
106.1215

63.3089, 74.8445,
20.8717

79.6697, 81.4088,
106.1222

62.4540, 74.5009,
16.4456

79.6842, 81.4163,
106.1228

61.8759, 74.2679,
13.4763

79.6986, 81.4237,
106.1235

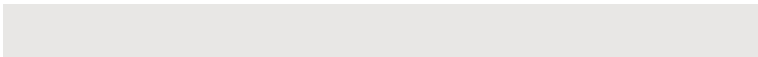
61.5394, 74.1317,
11.7795

79.7131, 81.4312,
106.1242

Harmonies

Analogous

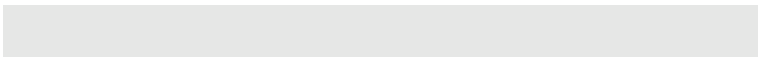
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9325, 79.7979, 85.4784



75.6738, 79.7979, 85.5428



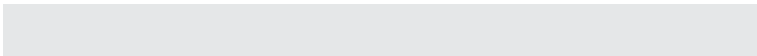
75.4616, 79.7979, 85.9661

Triad

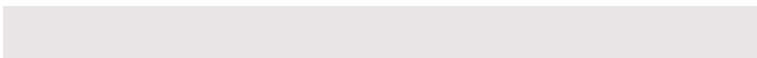
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6738, 79.7979, 85.5428



75.5235, 79.7979, 87.9925



76.3409, 79.7979, 87.1356

Complementary

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



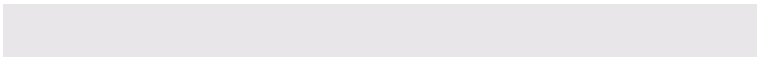
75.6738, 79.7979, 85.5428



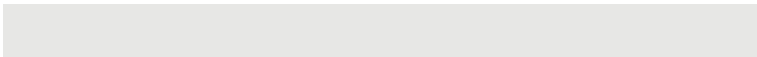
74.7592, 78.4682, 86.8110

Split Complementary

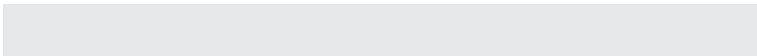
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2308, 79.7979, 87.8132



75.6738, 79.7979, 85.5428



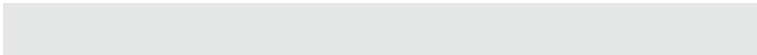
75.7586, 79.7979, 88.3097

Square

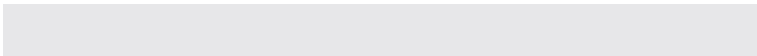
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6738, 79.7979, 85.5428



75.3749, 79.7979, 87.3794



76.0175, 79.7979, 88.2439



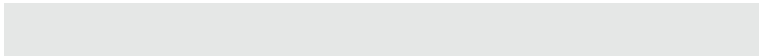
76.3181, 79.7979, 86.3951

Rectangle

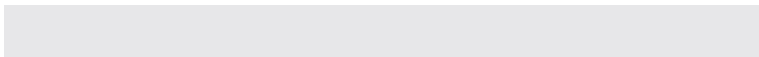
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



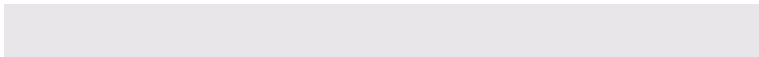
75.6738, 79.7979, 85.5428



75.3748, 79.7979, 86.3962



76.0175, 79.7979, 88.2439



76.3182, 79.7979, 87.3784

Sweetspot

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



75.6761, 79.8013, 85.5445

95.0500, 100.0000, 108.9000



75.1196, 78.6866, 85.3587



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

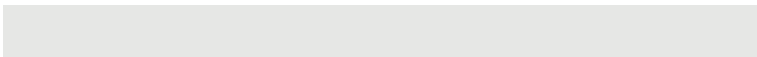
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6761, 79.8013, 85.5445



94.6403, 99.8359, 106.7520



75.3548, 79.6357, 85.5295



16.1540, 17.0382, 18.2385



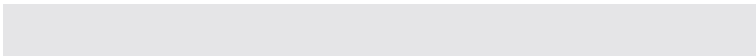
34.4156, 41.5234, 6.2009



2.5441, 3.0689, 0.4583

Inverse Universe

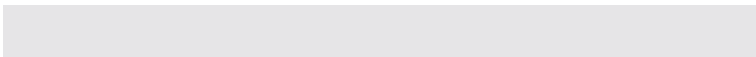
The Inverse Universe completely reimagines the original color for something new.



74.7592, 78.4682, 86.8110



93.3117, 97.9043, 108.5871



75.0786, 78.6329, 86.8260



15.9408, 16.7282, 18.5330



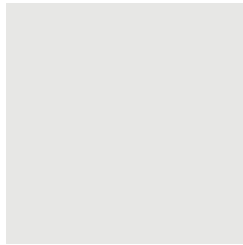
8.0905, 3.2367, 42.5815



0.5988, 0.2397, 3.1467

Previews

White Background



This preview shows how the XYZ color 75.6738, 79.7979, 85.5428 looks on a white background.

Color Contrast Check

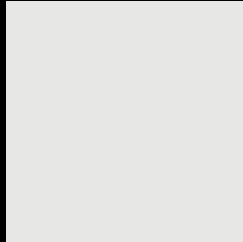
Large Text (above 18pt) WCAG AA × Fail

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 75.6738, 79.7979, 85.5428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

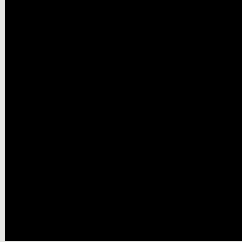
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

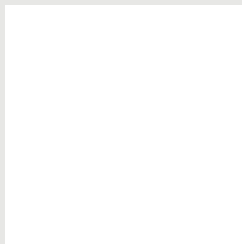
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6738, 79.7979, 85.5428

Background



This preview shows how black text looks on a background with the XYZ color 75.6738, 79.7979, 85.5428.



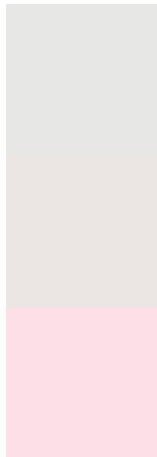
This preview shows how white text looks on a background with the XYZ color 75.6738, 79.7979,

85.5428.

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

75.6738, 79.7979, 85.5428

Protanopia

76.5614, 79.8572, 84.7776

Deuteranopia

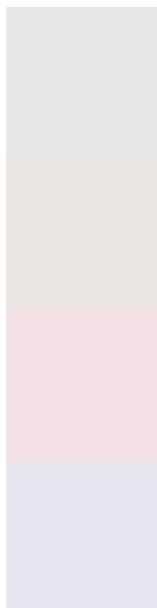
81.3195, 79.4275, 86.6464



Tritanopia

78.3096, 79.6331, 98.4321

Trichromacy



Original Color

75.6738, 79.7979, 85.5428

Protanomaly

76.2321, 79.6875, 84.7621

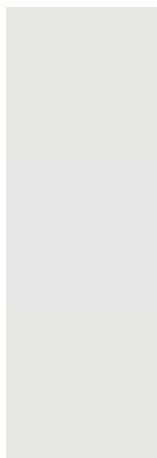
Deuteranomaly

79.1355, 79.5184, 86.0406

Tritanomaly

77.3518, 79.6535, 93.7359

Monochromacy



Original Color

75.6738, 79.7979, 85.5428

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.8138, 79.8539, 86.2804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6738, 79.7979, 85.5428 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, 231, 229) looks like.

```
.text, #text, p{  
    color:rgb(231, 231, 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, 231, 229) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 75.6738, 79.7979, 85.5428 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, 231, 229) }
```

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

```
.border{ border-color:rgb(231, 231, 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, 231, 229)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 75.6738, 79.7979, 85.5428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(231,  
231, 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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