

Converting Colors

XYZ(72.7831, 78.3318, 65.5662)

Have a look what the booklet for
XYZ(72.7831, 78.3318, 65.5662)
contains.

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Color

**XYZ(72.8666, 78.3793,
65.3211)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | EBE6C7 |
| RGB | 235, 230, 199 |
| RGB Percent | 92%, 90%, 78% |
| CMY | 0.0784, 0.0980, 0.2196 |
| CMYK | 0.00, 0.02, 0.15, 0.08 |
| HSL | 52°, 47%, 85% |
| HSV | 52°, 15%, 92% |
| XYZ | 72.8666, 78.3793, 65.3211 |
| YIQ | 227.9610, 12.9310, -8.5810 |

Conversions

Conversions Part 2

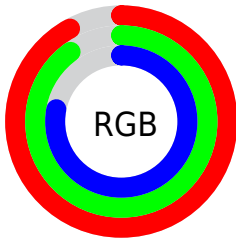
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 205, 235, 199 |
| Decimal | 15460039 |
| CIE Lab | 90.95, -3.39, 15.72 |
| CIE LCh | 91, 16.083, 102.162 |
| Yxy | 78.3793, 0.3365, 0.3619 |
| Android (android.graphics.Color) | 4293650119 (0xFFEBE6C7) |
| YUV | 227.9610, -14.2778, 6.1732 |
| Hunter-Lab | 88.5321, -8.0162, 18.2269 |

Details

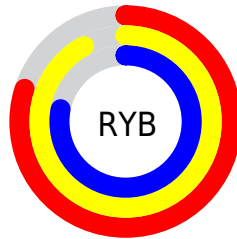
The XYZ color **72.8666, 78.3793, 65.3211** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.1414, 61.3249, 87.2651**, and the grayscale version is **73.8106, 77.6545, 84.5657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0312, 42.2880, 32.8933** is the 20% darker color. If you saturate the color by 10%, you get **69.4479, 75.5760, 51.7436**, and if you desaturate by 10%, it is **76.7279, 81.3921, 81.1268**.

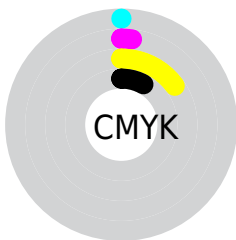
Distribution



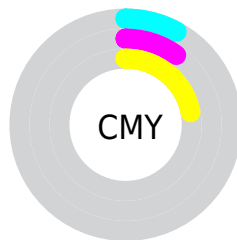
- Red (92%)
- Green (90%)
- Blue (78%)



- Red (80%)
- Yellow (92%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8666, 78.3793, 65.3211 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 72.8666, 78.3793, 65.3211 by changing the saturation by 10% instead.

72.8666, 78.3793,
65.3211

72.8666, 78.3793,
65.3211

459.6633,
489.4540, 462.2827

54.1549, 58.3856,
47.2685

122.2920,
131.0847, 114.1291

38.9567, 42.1187,
32.8921

153.7363,
164.5652, 145.7215

26.9066, 29.1943,
21.7734

190.1556,
203.3100, 182.6643

17.6393, 19.2278,
13.4937

231.9152,
247.7037, 225.3760

10.7895, 11.8350,
7.6347

279.3804,
298.1305, 274.2752

5.9917, 6.6314,
3.7777

332.9165,

2.8806, 3.2327,

354.9749, 329.7803

1.5042

392.8891,
418.6213, 392.3100

■ 1.0910, 1.2544,
0.2211

■ 0.0175, 0.1055,
0.0000

■ 72.8666, 78.3793,
65.3211

■ 72.8666, 78.3793,
65.3211

■ 69.4479, 75.5760,
51.7436

■ 76.7279, 81.3921,
81.1268

■ 66.4461, 72.9638,
40.2878

■ 81.0437, 84.6114,
99.2506

■ 63.8425, 70.5377,
30.8459

■ 83.4091, 87.0779,
107.0193

■ 61.6143, 68.2886,
23.2986

■ 84.3766, 89.0129,
107.3418

■ 59.7364, 66.2061,
17.5141

■ 85.3614, 90.9826,
107.6701

■ 58.1806, 64.2789,
13.3438

■ 86.3637, 92.9871,
108.0042

■ 56.9137, 62.4936,
10.6143

■ 87.3834, 95.0267,
108.3441

■ 55.8953, 60.8337,
9.1127

■ 88.0713, 96.4023,
108.5734

■ 55.4740, 60.0878,
8.6743

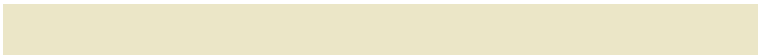
Harmonies

Analogous

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



76.9113, 78.3793, 65.8012



72.8666, 78.3793, 65.3211



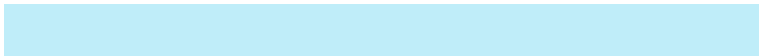
69.3852, 78.3793, 69.8366

Triad

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



72.8666, 78.3793, 65.3211



68.8658, 78.3793, 101.2248



82.1686, 78.3793, 92.3665

Complementary

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



72.8666, 78.3793, 65.3211



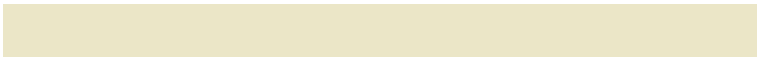
60.1414, 61.3249, 87.2651

Split Complementary

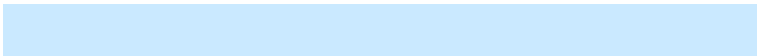
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8542, 78.3793, 102.9871



72.8666, 78.3793, 65.3211



72.1341, 78.3793, 108.4119

Square

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



72.8666, 78.3793, 65.3211



67.1321, 78.3793, 90.1330



76.1519, 78.3793, 109.0847



82.3821, 78.3793, 80.7233

Rectangle

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



72.8666, 78.3793, 65.3211



67.8130, 78.3793, 75.3331



76.1519, 78.3793, 109.0847



81.6067, 78.3793, 96.1998

Sweetspot

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



72.8687, 78.3828, 65.3228



92.5028, 98.0822, 98.2577



65.6325, 62.8890, 66.0593



19.7252, 20.9370, 20.7232



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

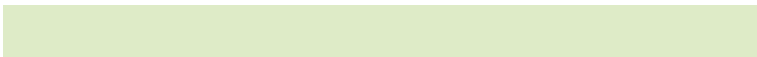
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8687, 78.3828, 65.3228



86.5227, 93.3918, 73.8527



70.2649, 79.1338, 65.6050



16.1634, 17.2498, 15.9964



30.9441, 33.5825, 4.8511



2.4789, 2.7352, 0.3973

Inverse Universe

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



60.1414, 61.3249, 87.2651



68.7929, 69.6300, 104.4219



62.4560, 60.7838, 87.0386



14.3998, 14.8860, 19.0366



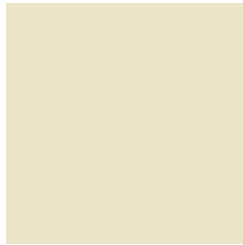
8.6959, 4.0388, 44.0642



0.7360, 0.4234, 3.4778

Previews

White Background



This preview shows how the XYZ color 72.8666, 78.3793, 65.3211 looks on a white background.

Color Contrast Check

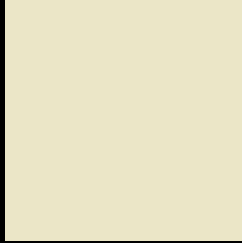
Large Text (above 18pt) WCAG AA × Fail

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 72.8666, 78.3793, 65.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

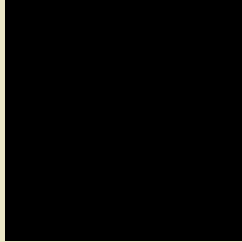
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

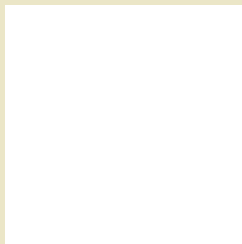
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8666, 78.3793, 65.3211

Background



This preview shows how black text looks on a background with the XYZ color 72.8666, 78.3793, 65.3211.



This preview shows how white text looks on a background with the XYZ color 72.8666, 78.3793,

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

72.8666, 78.3793, 65.3211

Protanopia

73.8716, 78.0893, 64.6054

Deuteranopia

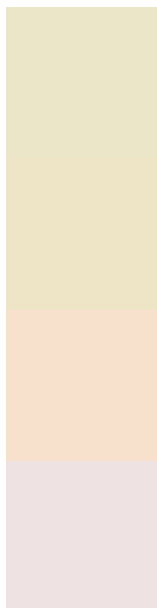
78.6238, 78.0075, 69.9445



Tritanopia

78.9583, 78.4229, 94.9800

Trichromacy



Original Color

72.8666, 78.3793, 65.3211

Protanomaly

73.4722, 78.2930, 64.6657

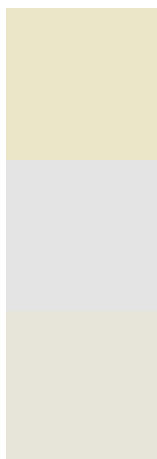
Deuteranomaly

76.5357, 78.1665, 68.1805

Tritanomaly

76.5204, 78.2344, 83.0192

Monochromacy



Original Color

72.8666, 78.3793, 65.3211

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4987, 78.0373, 76.8345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8666, 78.3793, 65.3211 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(235, 230, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 230, 199)  
}
```

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(235, 230, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 230, 199) }
```

Border

The CSS property to change the border of an element to XYZ 72.8666, 78.3793, 65.3211 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(235, 230, 199) }
```


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

```
.border{ border-color:rgb(235, 230, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 230, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 230, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 230, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 230,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8666, 78.3793, 65.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 230, 199) }
```

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

```
.background{ background-color: rgb(235,  
230, 199) }
```

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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