

Converting Colors

XYZ(67.6228, 71.8839, 57.0635)

Have a look what the booklet for
XYZ(67.6228, 71.8839, 57.0635)
contains.

XYZ(67.5178, 71.7632, 57.3068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.5178, 71.7632,
57.3068)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DCBB
RGB	231, 220, 187
RGB Percent	91%, 86%, 73%
CMY	0.0941, 0.1372, 0.2667
CMYK	0.00, 0.05, 0.19, 0.09
HSL	45°, 48%, 82%
HSV	45°, 19%, 91%
XYZ	67.5178, 71.7632, 57.3068
YIQ	219.5270, 17.1490, -7.9310

Conversions

Conversions Part 2

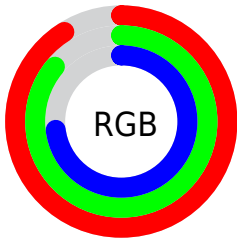
Format	Color
R_YB	202, 231, 187
Decimal	15195323
CIE Lab	87.85, -1.52, 17.58
CIE LCh	88, 17.647, 94.930
Yxy	71.7632, 0.3434, 0.3650
Android (android.graphics.Color)	4293385403 (0xFFE7DCBB)
YUV	219.5270, -16.0358, 10.0618
Hunter-Lab	84.7132, -5.9806, 19.1907

Details

The XYZ color **67.5178, 71.7632, 57.3068** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.1111, 56.7211, 83.6452**, and the grayscale version is **67.7993, 71.3301, 77.6785**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **35.4374, 37.7455, 27.9721** is the 20% darker color. If you saturate the color by 10%, you get **63.7528, 67.8772, 44.8169**, and if you desaturate by 10%, it is **71.7368, 75.9194, 71.9123**.

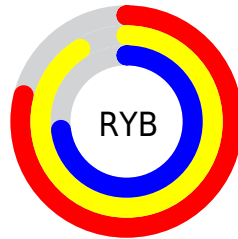
Distribution



Red (91%)

Green (86%)

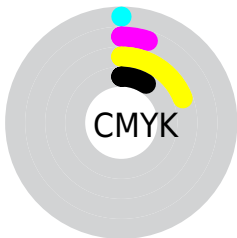
Blue (73%)



Red (79%)

Yellow (91%)

Blue (73%)

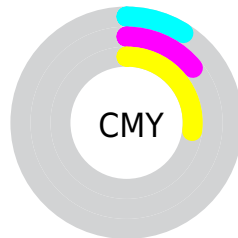


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (9%)



Cyan (9%)

Magenta (14%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5178, 71.7632, 57.3068 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 67.5178, 71.7632, 57.3068 by changing the saturation by 10% instead.

67.5178, 71.7632,
57.3068

67.5178, 71.7632,
57.3068

441.1892,
466.7170, 432.1238

49.7778, 52.9653,
40.8406

114.7078,
121.7198, 102.4175

35.4539, 37.7750,
27.8758

144.8884,
153.6473, 131.8991

24.1809, 25.8081,
17.9938

179.9467,
190.7200, 166.5562

15.5933, 16.6802,
10.7762

220.2479,
233.3224, 206.8074

9.3259, 10.0067,
5.8043

266.1574,
281.8390, 253.0712

5.0131, 5.4034,
2.6596

318.0405,

2.2898, 2.4858,

336.6540, 305.7662

0.9230

376.2627,
398.1518, 365.3109

■ 0.7894, 0.8695,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5178, 71.7632,
57.3068

■ 67.5178, 71.7632,
57.3068

■ 63.7528, 67.8772,
44.8169

■ 71.7368, 75.9194,
71.9123

■ 60.4166, 64.2431,
34.3379

■ 76.4222, 80.3442,
88.7222

■ 57.4900, 60.8550,
25.7629

■ 81.3829, 84.9645,
106.7182

■ 54.9499, 57.7026,
18.9733

■ 83.0842, 88.3672,
107.2853

■ 52.7709, 54.7749,
13.8373

■ 84.8399, 91.8785,
107.8705

■ 50.9238, 52.0594,
10.2044

■ 86.6504, 95.4995,
108.4740

■ 49.3744, 49.5415,
7.8970

■ 86.7651, 95.7290,
108.5123

■ 48.0699, 47.1992,
6.6400

■ 47.9519, 46.9825,
6.5412

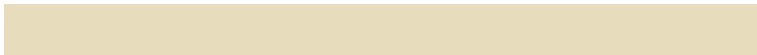
Harmonies

Analogous

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



71.6842, 71.7632, 59.0241



67.5178, 71.7632, 57.3068



63.6933, 71.7632, 60.6864

Triad

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



67.5178, 71.7632, 57.3068



61.8067, 71.7632, 92.1266



75.7797, 71.7632, 88.3414

Complementary

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



67.5178, 71.7632, 57.3068



55.1111, 56.7211, 83.6452

Split Complementary

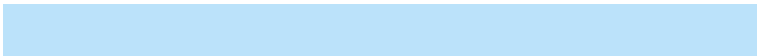
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9327, 71.7632, 98.6503



67.5178, 71.7632, 57.3068



64.8475, 71.7632, 100.9879

Square

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



67.5178, 71.7632, 57.3068



60.4833, 71.7632, 80.1404



68.9044, 71.7632, 103.4892



76.5655, 71.7632, 76.1691

Rectangle

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



67.5178, 71.7632, 57.3068



61.8172, 71.7632, 65.6013



68.9044, 71.7632, 103.4892



75.0264, 71.7632, 92.1779

Sweetspot

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



67.5197, 71.7664, 57.3083



91.4761, 96.6383, 96.0364



60.9190, 56.6077, 61.1425



19.4992, 20.6079, 20.2692



0.0000, 0.0000, 0.0000



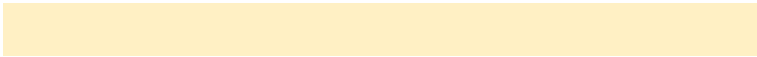
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5197, 71.7664, 57.3083



82.5052, 87.7846, 65.0293



67.0613, 75.9558, 58.1411



15.2806, 16.1752, 15.2212



26.9857, 26.5456, 3.7015



2.0666, 2.1065, 0.2977

Inverse Universe

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



55.1111, 56.7211, 83.6452



64.2018, 65.5941, 103.8849



55.4836, 53.3169, 82.9685



13.8740, 14.4694, 18.2060



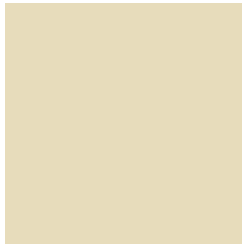
9.0096, 5.0812, 42.8891



0.7382, 0.5204, 3.1935

Previews

White Background



This preview shows how the XYZ color 67.5178, 71.7632, 57.3068 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 67.5178, 71.7632, 57.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

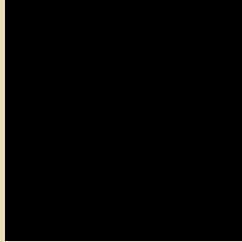
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

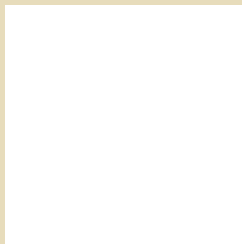
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5178, 71.7632, 57.3068

Background



This preview shows how black text looks on a background with the XYZ color 67.5178, 71.7632, 57.3068.

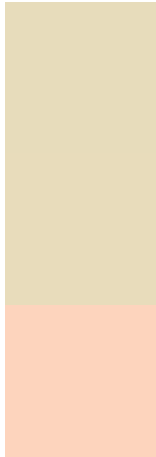


This preview shows how white text looks on a background with the XYZ color 67.5178, 71.7632,

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

67.5178, 71.7632, 57.3068

Protanopia

67.8416, 71.9301, 57.3220

Deuteranopia

73.2368, 71.6437, 58.1127



Tritanopia

73.3954, 71.8672, 85.6047

Trichromacy



Original Color

67.5178, 71.7632, 57.3068

Protanomaly

67.8416, 71.9301, 57.3220

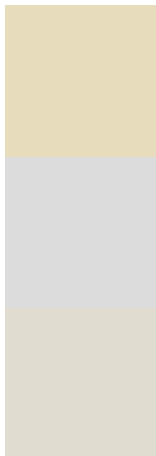
Deuteranomaly

71.0337, 71.6442, 57.6618

Tritanomaly

71.0826, 71.6802, 74.3792

Monochromacy



Original Color

67.5178, 71.7632, 57.3068

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.7188, 71.5878, 69.9232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5178, 71.7632, 57.3068 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, 220, 187) looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 187)  
}
```

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, 220, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 187) }
```

Border

The CSS property to change the border of an element to XYZ 67.5178, 71.7632, 57.3068 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, 220, 187) }
```


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

```
.border{ border-color:rgb(231, 220, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 220, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 220, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 220, 187); box-shadow:4px 4px 4px 4px rgb(231, 220, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5178, 71.7632, 57.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 220, 187) }
```

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

```
.background{ background-color: rgb(231,  
220, 187) }
```

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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