

Converting Colors

XYZ(66.8812, 70.3728, 52.7061)

Have a look what the booklet for
XYZ(66.8812, 70.3728, 52.7061)
contains.

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Color

**XYZ(66.8812, 70.3728,
52.7061)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD9B3
RGB	234, 217, 179
RGB Percent	92%, 85%, 70%
CMY	0.0824, 0.1490, 0.2980
CMYK	0.00, 0.07, 0.24, 0.08
HSL	41°, 57%, 81%
HSV	41°, 24%, 92%
XYZ	66.8812, 70.3728, 52.7061
YIQ	217.7510, 22.3300, -8.2140

Conversions

Conversions Part 2

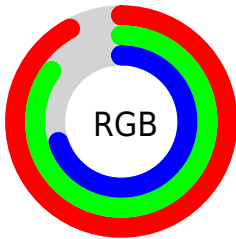
Format	Color
R _Y B	204, 234, 179
Decimal	15391155
CIE Lab	87.18, -0.01, 20.86
CIE LCh	87, 20.860, 90.037
Yxy	70.3728, 0.3521, 0.3705
Android (android.graphics.Color)	4293581235 (0xFFEAD9B3)
YUV	217.7510, -19.1042, 14.2504
Hunter-Lab	83.8885, -4.4934, 21.4708

Details

The XYZ color **66.8812, 70.3728, 52.7061** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.1813, 55.0026, 85.6558**, and the grayscale version is **66.5872, 70.0549, 76.2898**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **35.0463, 36.8120, 24.9969** is the 20% darker color. If you saturate the color by 10%, you get **62.8900, 65.8616, 40.6739**, and if you desaturate by 10%, it is **71.3594, 75.2143, 66.8837**.

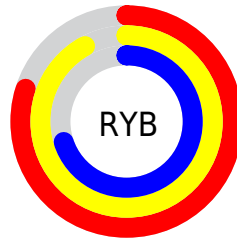
Distribution



Red (92%)

Green (85%)

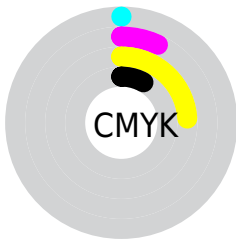
Blue (70%)



Red (80%)

Yellow (92%)

Blue (70%)

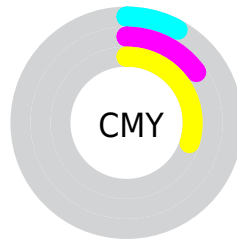


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8812, 70.3728, 52.7061 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 66.8812, 70.3728, 52.7061 by changing the saturation by 10% instead.

66.8812, 70.3728,
52.7061

66.8812, 70.3728,
52.7061

438.9609,
461.8579, 414.1908

49.2584, 51.8305,
37.1821

113.8009,
119.7402, 95.6089

35.0399, 36.8700,
25.0516

143.8285,
151.3342, 123.8248

23.8603, 25.1069,
15.8961

178.7219,
188.0475, 157.1084

15.3542, 16.1567,
9.2971

218.8462,
230.2645, 195.8782

9.1563, 9.6351,
4.8360

264.5669,
278.3697, 240.5528

4.9012, 5.1577,
2.0943

316.2494,

2.2236, 2.3401,

332.7474, 291.5508

0.6124

374.2589,
393.7820, 349.2906

■ 0.7551, 0.7948,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.8812, 70.3728,
52.7061

■ 66.8812, 70.3728,
52.7061

■ 62.8900, 65.8616,
40.6739

■ 71.3594, 75.2143,
66.8837

■ 59.3591, 61.6611,
30.6755

■ 76.3389, 80.3862,
83.3016

■ 56.2670, 57.7635,
22.5960

■ 81.8403, 85.9008,
102.0548

■ 53.5886, 54.1569,
16.3071

■ 84.9158, 90.5804,
107.6160

■ 51.2953, 50.8283,
11.6649

■ 87.1573, 95.0634,
108.3631

■ 49.3546, 47.7627,
8.5029

■ 87.7418, 96.2325,
108.5580

■ 47.7270, 44.9426,
6.6188

■ 46.7984, 43.2256,
5.8768

Harmonies

Analogous

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



71.6990, 70.3728, 55.5635



66.8812, 70.3728, 52.7061



62.2858, 70.3728, 55.5775

Triad

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



66.8812, 70.3728, 52.7061



59.0656, 70.3728, 90.9240



75.3771, 70.3728, 90.8905

Complementary

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



66.8812, 70.3728, 52.7061



53.1813, 55.0026, 85.6558

Split Complementary

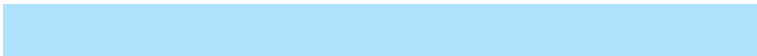
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7099, 70.3728, 102.4083



66.8812, 70.3728, 52.7061



62.2957, 70.3728, 102.4292

Square

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



66.8812, 70.3728, 52.7061



57.9098, 70.3728, 76.6413



66.8933, 70.3728, 106.8635



76.7476, 70.3728, 76.6067

Rectangle

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



66.8812, 70.3728, 52.7061



59.9296, 70.3728, 60.5820



66.8933, 70.3728, 106.8635



74.3636, 70.3728, 95.2739

Sweetspot

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



66.8830, 70.3760, 52.7076



90.5736, 95.4344, 93.8827



60.0637, 53.7380, 59.6811



19.3070, 20.3447, 19.8316



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.



66.8830, 70.3760, 52.7076



78.9711, 82.9464, 56.9759



68.2746, 77.9347, 54.0932



15.9365, 16.7959, 15.9207



26.4148, 24.5238, 3.3414



2.1589, 2.0952, 0.2906

Inverse Universe

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



53.1813, 55.0026, 85.6558



59.7116, 61.3413, 103.3007



51.9791, 49.0111, 84.5627



14.6109, 15.3082, 19.1069



9.7571, 6.1612, 44.4179



0.8488, 0.6491, 3.5154

Previews

White Background



This preview shows how the XYZ color 66.8812, 70.3728, 52.7061 looks on a white background.

Color Contrast Check

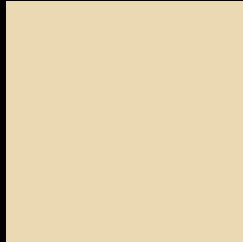
Large Text (above 18pt) WCAG AA × Fail

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 66.8812, 70.3728, 52.7061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

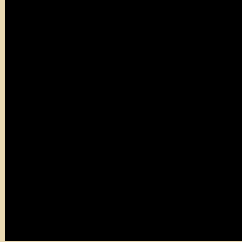
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8812, 70.3728, 52.7061

Background



This preview shows how black text looks on a background with the XYZ color 66.8812, 70.3728, 52.7061.

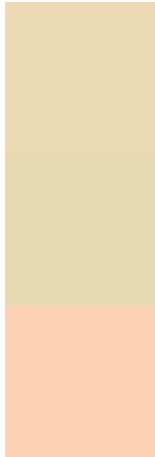


This preview shows how white text looks on a background with the XYZ color 66.8812, 70.3728,

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

66.8812, 70.3728, 52.7061

Protanopia

66.1631, 70.3864, 52.7466

Deuteranopia

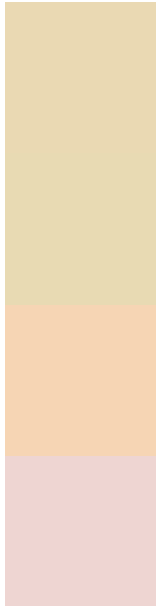
71.7928, 70.2711, 52.9598



Tritanopia

72.8469, 70.1645, 82.3767

Trichromacy



Original Color

66.8812, 70.3728, 52.7061

Protanomaly

66.4868, 70.5533, 52.7617

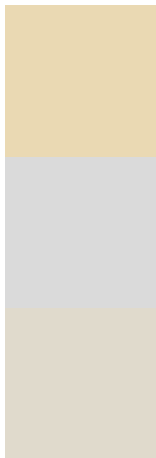
Deuteranomaly

70.0385, 70.4766, 53.0919

Tritanomaly

70.6870, 70.4188, 70.8393

Monochromacy



Original Color

66.8812, 70.3728, 52.7061

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.7110, 70.3497, 67.1896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8812, 70.3728, 52.7061 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(234, 217, 179)` looks like.

```
.text, #text, p{  
    color:rgb(234, 217, 179)  
}
```

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(234, 217, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 217, 179) }
```

Border

The CSS property to change the border of an element to XYZ 66.8812, 70.3728, 52.7061 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(234, 217, 179) }
```


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

```
.border{ border-color:rgb(234, 217, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 217, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 217, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 217, 179);  
box-shadow:4px 4px 4px 4px rgb(234, 217,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8812, 70.3728, 52.7061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 217, 179) }
```

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

```
.background{ background-color: rgb(234,  
217, 179) }
```

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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