

Converting Colors

XYZ(66.7692, 71.3896, 56.7148)

Have a look what the booklet for
XYZ(66.7692, 71.3896, 56.7148)
contains.

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Color

**XYZ(66.7692, 71.3896,
56.7148)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DCBA
RGB	229, 220, 186
RGB Percent	90%, 86%, 73%
CMY	0.1020, 0.1372, 0.2706
CMYK	0.00, 0.04, 0.19, 0.10
HSL	47°, 45%, 81%
HSV	47°, 19%, 90%
XYZ	66.7692, 71.3896, 56.7148
YIQ	218.8150, 16.2780, -8.6660

Conversions

Conversions Part 2

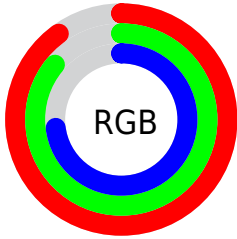
Format	Color
RYB	197, 229, 186
Decimal	15064250
CIELab	87.67, -2.39, 17.83
CIELCh	88, 17.989, 97.646
Yxy	71.3896, 0.3426, 0.3663
Android (android.graphics.Color)	4293254330 (0xFFE5DCBA)
YUV	218.8150, -16.1778, 8.9322
Hunter-Lab	84.4924, -6.8039, 19.3467

Details

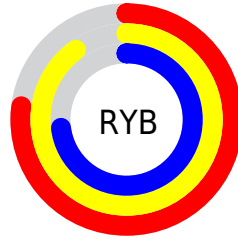
The XYZ color **66.7692, 71.3896, 56.7148** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9074, 55.1251, 81.9281**, and the grayscale version is **67.3060, 70.8111, 77.1133**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **34.9224, 37.4880, 27.5856** is the 20% darker color. If you saturate the color by 10%, you get **63.2886, 68.0168, 44.4910**, and if you desaturate by 10%, it is **70.6799, 74.9970, 71.0085**.

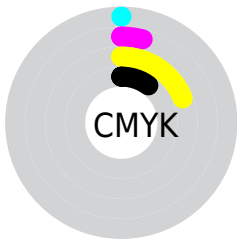
Distribution



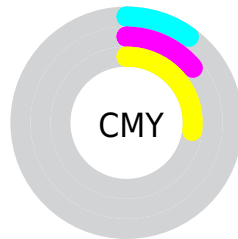
- Red (90%)
- Green (86%)
- Blue (73%)



- Red (77%)
- Yellow (90%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7692, 71.3896, 56.7148 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 66.7692, 71.3896, 56.7148 by changing the saturation by 10% instead.

■ 66.7692, 71.3896,
56.7148

■ 66.7692, 71.3896,
56.7148

438.5682,
465.4142, 429.8435

■ 49.1671, 52.6602,
40.3685

■ 113.6413,
121.1883, 101.5451

■ 34.9671, 37.5316,
27.5100

143.6419,
153.0264, 130.8662

■ 23.8040, 25.6193,
17.7208

178.5062,
190.0028, 165.3493

■ 15.3122, 16.5391,
10.5824

218.5993,
232.5020, 205.4129

■ 9.1265, 9.9064,
5.6761

264.2867,
280.9084, 251.4756

■ 4.8816, 5.3370,
2.5836

315.9338,

■ 2.2120, 2.4463,

335.6063, 303.9559

0.8840

373.9058,
396.9801, 363.2724

■ 0.7490, 0.8496,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7692, 71.3896,
56.7148

■ 66.7692, 71.3896,
56.7148

■ 63.2886, 68.0168,
44.4910

■ 70.6799, 74.9970,
71.0085

■ 60.2135, 64.8609,
34.2348

■ 75.0325, 78.8368,
87.4588

■ 57.5254, 61.9165,
25.8419

■ 79.8455, 82.9194,
106.1531

■ 55.2021, 59.1742,
19.1967

■ 81.2787, 85.7091,
106.8674

■ 53.2189, 56.6237,
14.1705

■ 82.7012, 88.5540,
107.3415

■ 51.5476, 54.2532,
10.6169

■ 84.1611, 91.4738,
107.8282

■ 50.1552, 52.0489,
8.3629

■ 85.6587, 94.4690,
108.3274

■ 48.9917, 49.9904,
7.1474

■ 86.1233, 95.3981,
108.4822

■ 48.8568, 49.7453,
7.0268

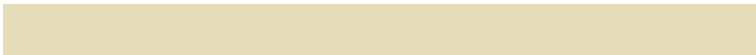
Harmonies

Analogous

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



71.0181, 71.3896, 57.9843



66.7692, 71.3896, 56.7148



62.9708, 71.3896, 60.5908

Triad

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



66.7692, 71.3896, 56.7148



61.5701, 71.3896, 92.9640



75.7178, 71.3896, 87.0025

Complementary

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



66.7692, 71.3896, 56.7148



53.9074, 55.1251, 81.9281

Split Complementary

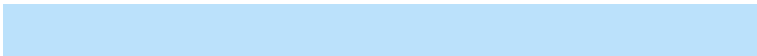
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9827, 71.3896, 97.8328



66.7692, 71.3896, 56.7148



64.7847, 71.3896, 101.5182

Square

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



66.7692, 71.3896, 56.7148



60.0520, 71.3896, 80.8957



68.9498, 71.3896, 103.3873



76.3034, 71.3896, 74.6502

Rectangle

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



66.7692, 71.3896, 56.7148



61.1642, 71.3896, 65.8367



68.9498, 71.3896, 103.3873



75.0139, 71.3896, 90.9783

Sweetspot

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



66.7711, 71.3928, 56.7163



91.6711, 97.0284, 96.1014



59.7589, 55.7312, 59.4261



19.5454, 20.7003, 20.2846



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.



66.7711, 71.3928, 56.7163



83.2139, 89.2019, 65.2655



65.4436, 74.3079, 57.3490



15.3322, 16.2784, 15.2384



28.0236, 28.6213, 4.0475



2.1353, 2.2438, 0.3206

Inverse Universe

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



53.9074, 55.1251, 81.9281



63.6131, 64.4168, 103.6887



55.0396, 52.8066, 81.4209



13.8259, 14.3732, 18.1899



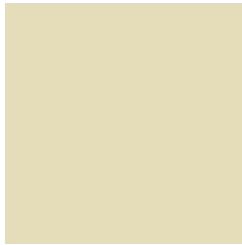
8.7584, 4.5788, 42.8054



0.7134, 0.4708, 3.1852

Previews

White Background



This preview shows how the XYZ color 66.7692, 71.3896, 56.7148 looks on a white background.

Color Contrast Check

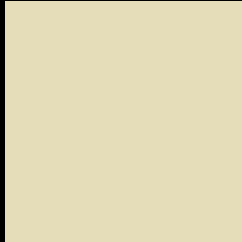
Large Text (above 18pt) WCAG AA × Fail

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 66.7692, 71.3896, 56.7148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

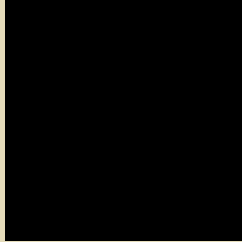
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

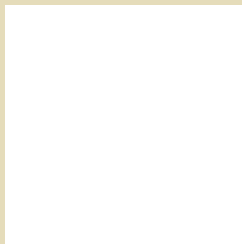
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7692, 71.3896, 56.7148

Background



This preview shows how black text looks on a background with the XYZ color 66.7692, 71.3896, 56.7148.

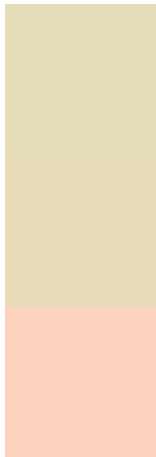


This preview shows how white text looks on a background with the XYZ color 66.7692, 71.3896,

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

66.7692, 71.3896, 56.7148

Protanopia

67.1494, 71.1971, 56.6576

Deuteranopia

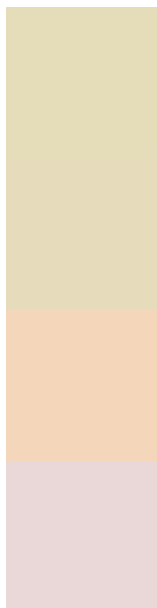
72.5162, 70.9148, 57.4429



Tritanopia

72.7313, 71.5248, 85.5736

Trichromacy



Original Color

66.7692, 71.3896, 56.7148

Protanomaly

66.8276, 71.0312, 56.6426

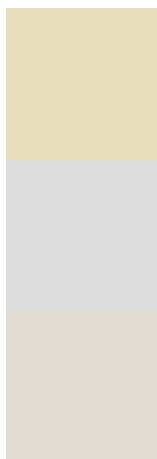
Deuteranomaly

70.3244, 70.9141, 56.9950

Tritanomaly

70.4259, 71.3417, 74.3485

Monochromacy



Original Color

66.7692, 71.3896, 56.7148

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.0254, 70.8560, 69.1754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7692, 71.3896, 56.7148 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(229, 220, 186)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 186)  
}
```

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(229, 220, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 186) }
```

Border

The CSS property to change the border of an element to XYZ 66.7692, 71.3896, 56.7148 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(229, 220, 186) }
```


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

```
.border{ border-color:rgb(229, 220, 186) }
```

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

Here you see how a box with a 4 pixel rgb(229, 220, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 186);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7692, 71.3896, 56.7148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 186) }
```

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

```
.background{ background-color: rgb(229,  
220, 186) }
```

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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