

Converting Colors

XYZ(66.5027, 71.0057, 43.4584)

Have a look what the booklet for
XYZ(66.5027, 71.0057, 43.4584)
contains.

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Color

**XYZ(66.6017, 71.2056,
43.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDBA0
RGB	237, 219, 160
RGB Percent	93%, 86%, 63%
CMY	0.0706, 0.1412, 0.3725
CMYK	0.00, 0.08, 0.32, 0.07
HSL	46°, 68%, 78%
HSV	46°, 32%, 93%
XYZ	66.6017, 71.2056, 43.4915
YIQ	217.6560, 29.6670, -14.5330

Conversions

Conversions Part 2

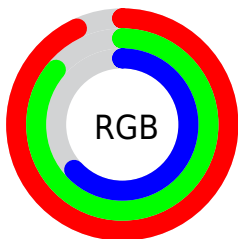
Format	Color
RYB	183, 237, 160
Decimal	15588256
CIELab	87.58, -2.38, 31.30
CIELCh	88, 31.393, 94.350
Yxy	71.2056, 0.3674, 0.3928
Android (android.graphics.Color)	4293778336 (0xFFEDDBA0)
YUV	217.6560, -28.4244, 16.9647
Hunter-Lab	84.3834, -6.7854, 28.5101

Details

The XYZ color **66.6017, 71.2056, 43.4915** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.7033, 45.4275, 86.4804**, and the grayscale version is **66.5803, 70.0477, 76.2819**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **34.8046, 37.3369, 19.5597** is the 20% darker color. If you saturate the color by 10%, you get **63.3025, 67.6147, 33.1198**, and if you desaturate by 10%, it is **70.3479, 75.0573, 55.9636**.

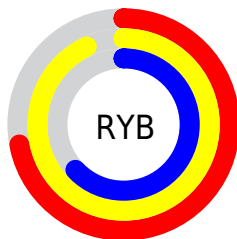
Distribution



Red (93%)

Green (86%)

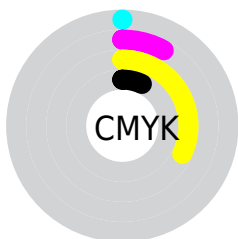
Blue (63%)



Red (72%)

Yellow (93%)

Blue (63%)

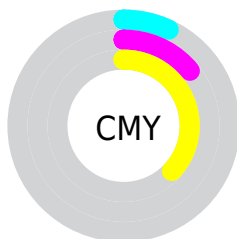


Cyan (0%)

Magenta (8%)

Yellow (32%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6017, 71.2056, 43.4915 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 66.6017, 71.2056, 43.4915 by changing the saturation by 10% instead.

66.6017, 71.2056,
43.4915

66.6017, 71.2056,
43.4915

437.9805,
464.7718, 376.6096

49.0305, 52.5100,
29.9367

113.4025,
120.9264, 81.7463

34.8583, 37.4117,
19.5389

143.3627,
152.7204, 107.2834

23.7198, 25.5264,
11.8796

178.1834,
189.6494, 137.6517

15.2495, 16.4697,
6.5402

218.2299,
232.0977, 173.2697

9.0821, 9.8571,
3.1022

263.8675,
280.4496, 214.5559

4.8523, 5.3043,
1.1470

315.4615,

2.1947, 2.4269,

335.0897, 261.9290

0.0000

373.3774,
396.4023, 315.8074

■ 0.7400, 0.8397,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.6017, 71.2056,
43.4915

■ 66.6017, 71.2056,
43.4915

■ 63.3025, 67.6147,
33.1198

■ 70.3479, 75.0573,
55.9636

■ 60.4219, 64.2649,
24.7254

■ 74.5568, 79.1692,
70.6412

■ 57.9364, 61.1486,
18.1789

■ 79.2500, 83.5531,
87.6274

■ 55.8177, 58.2537,
13.3340

■ 84.4460, 88.2173,
107.0177

■ 54.0333, 55.5665,
10.0216

■ 86.1438, 91.5620,
107.7407

■ 52.5441, 53.0705,
8.0381

■ 87.8601, 94.9946,
108.3128

■ 51.5741, 51.3027,
7.1842

■ 88.7351, 96.7445,
108.6045

Harmonies

Analogous

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



74.0484, 71.2056, 46.2064



66.6017, 71.2056, 43.4915



59.9390, 71.2056, 48.4376

Triad

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



66.6017, 71.2056, 43.4915



56.5635, 71.2056, 102.9639



81.3808, 71.2056, 96.6095

Complementary

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



66.6017, 71.2056, 43.4915



45.7033, 45.4275, 86.4804

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.



76.0577, 71.2056, 116.4213



66.6017, 71.2056, 43.4915



61.6854, 71.2056, 120.5355

Square

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



66.6017, 71.2056, 43.4915



54.4187, 71.2056, 80.6735



68.7674, 71.2056, 125.8609



82.9348, 71.2056, 74.4708

Rectangle

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



66.6017, 71.2056, 43.4915



56.7285, 71.2056, 56.0597



68.7674, 71.2056, 125.8609



79.9547, 71.2056, 103.8844

Sweetspot

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



66.6035, 71.2089, 43.4930



89.3411, 94.7217, 88.0696



55.6584, 46.4117, 48.8062



18.9610, 20.1212, 18.2721



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.



66.6035, 71.2089, 43.4930



75.9915, 81.2227, 42.9254



65.4684, 77.9735, 44.8585



16.0362, 16.9955, 15.9540



28.2627, 28.2197, 3.9573



2.2915, 2.3602, 0.3348

Inverse Universe

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



45.7033, 45.4275, 86.4804



47.7516, 46.3996, 101.0470



46.5059, 40.8705, 85.5585



14.5169, 15.1202, 19.0756



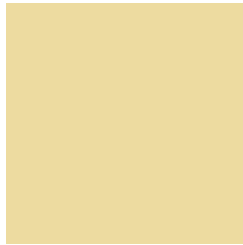
9.1846, 5.0163, 44.2271



0.7931, 0.5377, 3.4969

Previews

White Background



This preview shows how the XYZ color 66.6017, 71.2056, 43.4915 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 66.6017, 71.2056, 43.4915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

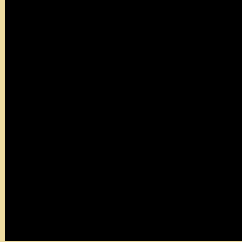
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6017, 71.2056, 43.4915

Background



This preview shows how black text looks on a background with the XYZ color 66.6017, 71.2056, 43.4915.



This preview shows how white text looks on a background with the XYZ color 66.6017, 71.2056,

43.4915.

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

66.6017, 71.2056, 43.4915

Protanopia

66.2688, 71.0340, 43.4759

Deuteranopia

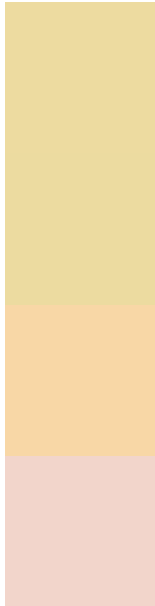
72.0392, 71.2492, 47.9858



Tritanopia

74.5679, 71.0517, 82.4572

Trichromacy



Original Color

66.6017, 71.2056, 43.4915

Protanomaly

66.2688, 71.0340, 43.4759

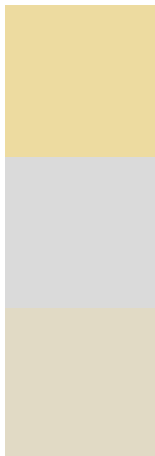
Deuteranomaly

69.8948, 71.3105, 46.1568

Tritanomaly

71.1917, 70.7775, 66.4091

Monochromacy



Original Color

66.6017, 71.2056, 43.4915

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.2008, 70.1816, 62.8806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6017, 71.2056, 43.4915 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(237, 219, 160)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 160)  
}
```

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(237, 219, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 160) }
```

Border

The CSS property to change the border of an element to XYZ 66.6017, 71.2056, 43.4915 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(237, 219, 160) }
```


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

```
.border{ border-color:rgb(237, 219, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 219, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 219, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 219, 160); box-shadow:4px 4px 4px 4px rgb(237, 219, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6017, 71.2056, 43.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 160) }
```

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

```
.background{ background-color: rgb(237,  
219, 160) }
```

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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