

Converting Colors

XYZ(67.6440, 71.0159, 58.8577)

Have a look what the booklet for
XYZ(67.6440, 71.0159, 58.8577)
contains.

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Color

**XYZ(67.6444, 71.0163,
58.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DABE
RGB	232, 218, 190
RGB Percent	91%, 85%, 75%
CMY	0.0902, 0.1451, 0.2549
CMYK	0.00, 0.06, 0.18, 0.09
HSL	40°, 48%, 83%
HSV	40°, 18%, 91%
XYZ	67.6444, 71.0163, 58.8575
YIQ	218.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

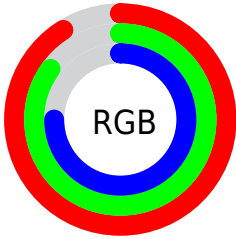
Format	Color
R _Y B	211, 232, 190
Decimal	15260350
CIE Lab	87.49, 0.32, 15.52
CIE LCh	87, 15.518, 88.817
Yxy	71.0163, 0.3425, 0.3595
Android (android.graphics.Color)	4293450430 (0xFFE8DABE)
YUV	218.9940, -14.2940, 11.4063
Hunter-Lab	84.2712, -4.1927, 17.5799

Details

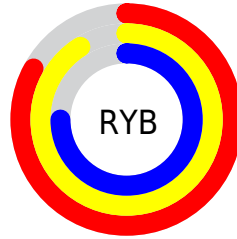
The XYZ color **67.6444, 71.0163, 58.8575** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.3934, 59.9579, 84.8926**, and the grayscale version is **67.4170, 70.9279, 77.2405**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **35.5170, 37.2306, 28.9812** is the 20% darker color. If you saturate the color by 10%, you get **63.3502, 66.1676, 45.8959**, and if you desaturate by 10%, it is **72.4396, 76.2198, 73.9791**.

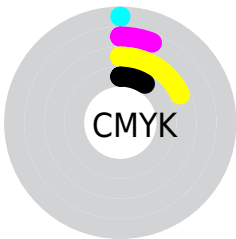
Distribution



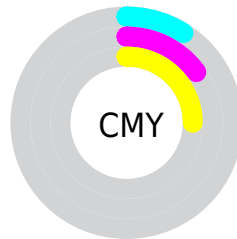
- Red (91%)
- Green (85%)
- Blue (75%)



- Red (83%)
- Yellow (91%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (9%)





- Cyan (9%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6444, 71.0163, 58.8575 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 67.6444, 71.0163, 58.8575 by changing the saturation by 10% instead.

 67.6444, 71.0163,
58.8575

 67.6444, 71.0163,
58.8575

441.6316,
464.1104, 438.0608

 49.8811, 52.3555,
42.0792

 114.8880,
120.6569, 104.6976

 35.5364, 37.2885,
28.8372


145.0990,
152.4056, 134.5965

 24.2448, 25.4310,
18.7132


180.1900,
189.2856, 169.7059

 15.6410, 16.3984,
11.2885

220.5263,
231.6814, 210.4445

 9.3597, 9.8065,
6.1446

266.4732,
279.9774, 257.2307

 5.0355, 5.2709,
2.8630

318.3962,

 2.3031, 2.4071,

334.5579, 310.4831

1.0251

376.6605,
395.8075, 370.6203

■ 0.7962, 0.8295,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6444, 71.0163,
58.8575

■ 67.6444, 71.0163,
58.8575

■ 63.3502, 66.1676,
45.8959

■ 72.4396, 76.2198,
73.9791

■ 59.5310, 61.6542,
34.9890

■ 77.7492, 81.7783,
91.3504

■ 56.1668, 57.4683,
26.0295

■ 82.8430, 87.4039,
107.1121

■ 53.2338, 53.5984,
18.8984

■ 85.1827, 92.0834,
107.8920

■ 50.7057, 50.0316,
13.4634

■ 87.0890, 95.8959,
108.5274

■ 48.5526, 46.7540,
9.5745

■ 46.7396, 43.7494,
7.0548

■ 45.2182, 40.9959,
5.6561

■ 44.9492, 40.4964,
5.4475

Harmonies

Analogous

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



71.2123, 71.0163, 61.3174



67.6444, 71.0163, 58.8575



64.1600, 71.0163, 60.9613

Triad

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



67.6444, 71.0163, 58.8575



61.5131, 71.0163, 87.4624



73.7066, 71.0163, 88.2479

Complementary

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



67.6444, 71.0163, 58.8575



57.3934, 59.9579, 84.8926

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.



70.9516, 71.0163, 96.3819



67.6444, 71.0163, 58.8575



63.9168, 71.0163, 95.9003

Square

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



67.6444, 71.0163, 58.8575



60.6981, 71.0163, 76.9089



67.3535, 71.0163, 99.2994



74.7895, 71.0163, 77.7419

Rectangle

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



67.6444, 71.0163, 58.8575



62.3348, 71.0163, 64.7867



67.3535, 71.0163, 99.2994



72.9405, 71.0163, 91.3841

Sweetspot

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



67.6463, 71.0195, 58.8590



91.7242, 96.5250, 97.9982



62.5921, 58.3433, 65.0901



19.5355, 20.5577, 20.6600



0.0000, 0.0000, 0.0000



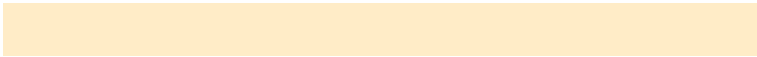
20.3446, 21.4041, 23.3091

Same Dimension

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



67.6463, 71.0195, 58.8590



81.6209, 85.5462, 66.1822



69.2029, 77.4391, 60.0161



15.1758, 15.9655, 15.1863



25.0742, 22.7225, 3.0643



1.9374, 1.8482, 0.2546

Inverse Universe

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



57.3934, 59.9579, 84.8926



66.5429, 69.2809, 104.4731



56.0058, 54.5245, 83.9170



13.9733, 14.6679, 18.2391



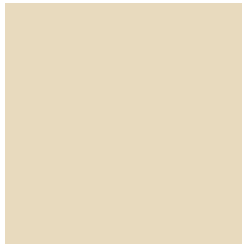
9.6750, 6.4120, 43.1109



0.7979, 0.6397, 3.2134

Previews

White Background



This preview shows how the XYZ color 67.6444, 71.0163, 58.8575 looks on a white background.

Color Contrast Check

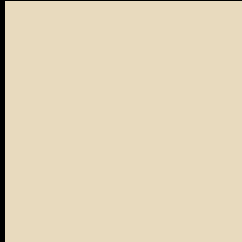
Large Text (above 18pt) WCAG AA × Fail

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 67.6444, 71.0163, 58.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

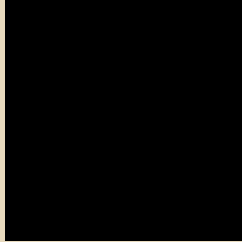
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6444, 71.0163, 58.8575

Background



This preview shows how black text looks on a background with the XYZ color 67.6444, 71.0163, 58.8575.

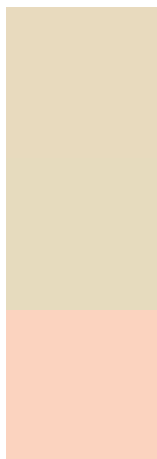


This preview shows how white text looks on a background with the XYZ color 67.6444, 71.0163,

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

67.6444, 71.0163, 58.8575

Protanopia

67.2589, 71.2037, 58.9140

Deuteranopia

72.4819, 70.8593, 59.1472



Tritanopia

72.6114, 70.7486, 83.9576

Trichromacy



Original Color

67.6444, 71.0163, 58.8575

Protanomaly

67.5808, 71.3697, 58.9290

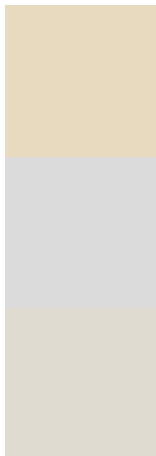
Deuteranomaly

70.7588, 71.0878, 59.2821

Tritanomaly

70.5733, 70.6616, 74.2094

Monochromacy



Original Color

67.6444, 71.0163, 58.8575

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.4572, 71.0644, 69.8359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6444, 71.0163, 58.8575 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(232, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(232, 218, 190)  
}
```

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(232, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 218, 190) }
```

Border

The CSS property to change the border of an element to XYZ 67.6444, 71.0163, 58.8575 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(232, 218, 190) }
```


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

```
.border{ border-color:rgb(232, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(232, 218,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6444, 71.0163, 58.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 218, 190) }
```

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

```
.background{ background-color: rgb(232,  
218, 190) }
```

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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