

Converting Colors

XYZ(56.0757, 55.4788, 42.4033)

Have a look what the booklet for
XYZ(56.0757, 55.4788, 42.4033)
contains.

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Color

**XYZ(56.0757, 55.4788,
42.4033)**

Conversions

Conversions Part 1

Format	Color
Hex	E1BEA3
RGB	225, 190, 163
RGB Percent	88%, 75%, 64%
CMY	0.1176, 0.2549, 0.3608
CMYK	0.00, 0.16, 0.28, 0.12
HSL	26°, 51%, 76%
HSV	26°, 28%, 88%
XYZ	56.0757, 55.4788, 42.4033
YIQ	197.3870, 29.5270, -0.9770

Conversions

Conversions Part 2

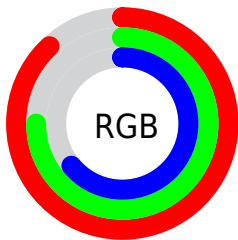
Format	Color
R _Y B	225, 211, 163
Decimal	14794403
CIE Lab	79.32, 8.51, 18.29
CIE LCh	79, 20.169, 65.045
Yxy	55.4788, 0.3642, 0.3604
Android (android.graphics.Color)	4292984483 (0xFFE1BEA3)
YUV	197.3870, -16.9528, 24.2166
Hunter-Lab	74.4841, 4.0374, 18.3855

Details

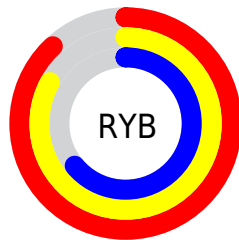
The XYZ color **56.0757, 55.4788, 42.4033** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8885, 53.6095, 79.0055**, and the grayscale version is **53.3929, 56.1735, 61.1729**.

A 20% lighter version of the original color is **86.8507, 92.2335, 79.5550**, and **28.1771, 27.4740, 18.8569** is the 20% darker color. If you saturate the color by 10%, you get **51.6048, 49.4810, 31.8362**, and if you desaturate by 10%, it is **61.1480, 62.1046, 54.9416**.

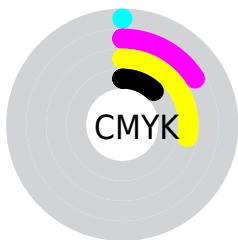
Distribution



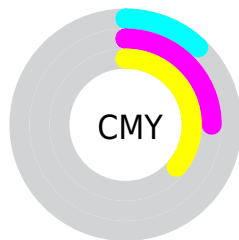
- Red (88%)
- Green (75%)
- Blue (64%)



- Red (88%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (12%)




- Cyan (12%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0757, 55.4788, 42.4033 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 56.0757, 55.4788, 42.4033 by changing the saturation by 10% instead.


 56.0757, 55.4788,
42.4033


 56.0757, 55.4788,
42.4033


400.0471,
407.7243, 372.0009

 40.5009, 39.7852,
29.0893


 98.2544, 98.2421,
80.0863

 28.1152, 27.3711,
18.9022

 125.5890,
126.0806, 105.2924

 18.5534, 17.8521,
11.4235


157.5742,
158.7362, 135.2996

 11.4501, 10.8439,
6.2347

194.5754,
196.5933, 170.5264

 6.4400, 5.9619,
2.9172

236.9579,
240.0363, 211.3914

 3.1576, 2.8220,
1.0525

285.0872,

 1.2376, 1.0395,

289.4495, 258.3131

0.0000

339.3284,
345.2174, 311.7101

■ 0.1358, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0757, 55.4788,
42.4033

■ 56.0757, 55.4788,
42.4033

■ 51.6048, 49.4810,
31.8362

■ 61.1480, 62.1046,
54.9416

■ 47.7057, 44.0838,
23.1347

■ 66.8407, 69.3695,
69.5423

■ 44.3528, 39.2688,
16.1883

■ 73.1775, 77.2940,
86.2952

■ 41.5165, 35.0135,
10.8737

■ 80.1792, 85.8952,
105.2835

■ 39.1637, 31.2936,
7.0507

■ 84.3866, 93.7979,
108.2649

■ 37.2565, 28.0822,
4.5555

■ 84.8615, 94.7476,
108.4232

■ 35.7456, 25.3475,
3.1665

■ 35.4192, 24.7430,
2.9091

Harmonies

Analogous

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



59.3477, 55.4788, 48.5149



56.0757, 55.4788, 42.4033



52.0510, 55.4788, 40.8507

Triad

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



56.0757, 55.4788, 42.4033



45.3674, 55.4788, 62.3839



57.3170, 55.4788, 80.5061

Complementary

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



56.0757, 55.4788, 42.4033



48.8885, 53.6095, 79.0055

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.



53.4168, 55.4788, 85.3801



56.0757, 55.4788, 42.4033



46.6252, 55.4788, 74.0990

Square

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



56.0757, 55.4788, 42.4033



45.9989, 55.4788, 51.5010



49.5219, 55.4788, 82.8979



60.0897, 55.4788, 70.2847

Rectangle

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



56.0757, 55.4788, 42.4033



49.5113, 55.4788, 42.4149



49.5219, 55.4788, 82.8979



56.0872, 55.4788, 82.8797

Sweetspot

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



56.0772, 55.4813, 42.4044



88.3737, 91.6271, 91.3226



54.3575, 46.2860, 59.5765



18.6602, 19.2886, 18.8839



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.



56.0772, 55.4813, 42.4044



71.0110, 69.0638, 48.0411



63.4839, 70.2949, 44.8734



14.1959, 14.6777, 14.3917



20.5217, 14.4812, 1.7135



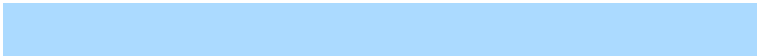
1.5103, 1.1795, 0.1481

Inverse Universe

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



48.8885, 53.6095, 79.0055



59.9737, 66.1846, 104.2217



42.5387, 40.9098, 76.8889



13.5908, 14.5207, 17.4741



12.3232, 12.1159, 42.7375



0.9428, 1.0170, 2.9919

Previews

White Background



This preview shows how the XYZ color 56.0757, 55.4788, 42.4033 looks on a white background.

Color Contrast Check

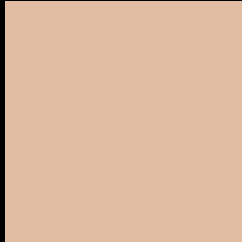
Large Text (above 18pt) WCAG AA × Fail

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 56.0757, 55.4788, 42.4033 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 56.0757, 55.4788, 42.4033

Background



This preview shows how black text looks on a background with the XYZ color 56.0757, 55.4788, 42.4033.



This preview shows how white text looks on a background with the XYZ color 56.0757, 55.4788,

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

56.0757, 55.4788, 42.4033

Protanopia

52.3550, 55.4984, 44.0293

Deuteranopia

56.4870, 55.3704, 42.3607



Tritanopia

59.9709, 55.4795, 61.5806

Trichromacy



Original Color

56.0757, 55.4788, 42.4033

Protanomaly

53.8149, 55.5963, 43.4921

Deuteranomaly

56.1725, 55.2083, 42.3460

Tritanomaly

58.6282, 55.5798, 54.0923

Monochromacy



Original Color

56.0757, 55.4788, 42.4033

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7809, 55.3518, 53.7483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0757, 55.4788, 42.4033 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(225, 190, 163)` looks like.

```
.text, #text, p{  
    color:rgb(225, 190, 163)  
}
```

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(225, 190, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 190, 163) }
```

Border

The CSS property to change the border of an element to XYZ 56.0757, 55.4788, 42.4033 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(225, 190, 163) }
```


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

```
.border{ border-color:rgb(225, 190, 163) }
```

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

Here you see how a box with a 4 pixel rgb(225, 190, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 190, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 190, 163);  
box-shadow:4px 4px 4px 4px rgb(225, 190,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0757, 55.4788, 42.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 190, 163) }
```

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

```
.background{ background-color: rgb(225,  
190, 163) }
```

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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