

Converting Colors

XYZ(56.7912, 54.7039, 41.7508)

Have a look what the booklet for
XYZ(56.7912, 54.7039, 41.7508)
contains.

XYZ(56.7136, 54.5494, 41.7224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.7136, 54.5494,
41.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BAA2
RGB	230, 186, 162
RGB Percent	90%, 73%, 64%
CMY	0.0980, 0.2706, 0.3647
CMYK	0.00, 0.19, 0.30, 0.10
HSL	21°, 58%, 77%
HSV	21°, 30%, 90%
XYZ	56.7136, 54.5494, 41.7224
YIQ	196.4200, 33.9280, 1.8640

Conversions

Conversions Part 2

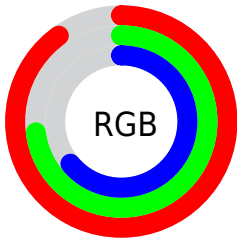
Format	Color
R _Y B	230, 199, 162
Decimal	15121058
CIE Lab	78.78, 12.40, 18.15
CIE LCh	79, 21.981, 55.656
Yxy	54.5494, 0.3707, 0.3566
Android (android.graphics.Color)	4293311138 (0xFFE6BAA2)
YUV	196.4200, -16.9691, 29.4497
Hunter-Lab	73.8576, 7.8155, 18.2072

Details

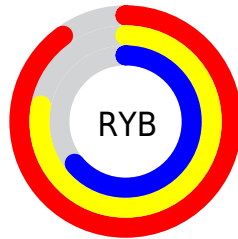
The XYZ color **56.7136, 54.5494, 41.7224** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **51.2539, 57.5355, 83.2672**, and the grayscale version is **52.8072, 55.5573, 60.5019**.

A 20% lighter version of the original color is **85.5165, 89.7740, 78.4666**, and **28.4356, 26.7851, 18.4232** is the 20% darker color. If you saturate the color by 10%, you get **51.8800, 47.8602, 30.9303**, and if you desaturate by 10%, it is **62.2505, 62.0463, 54.5950**.

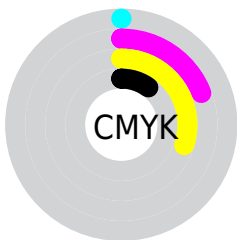
Distribution



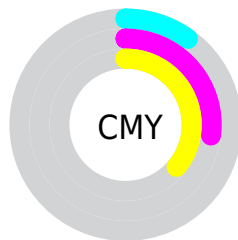
- Red (90%)
- Green (73%)
- Blue (64%)



- Red (90%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7136, 54.5494, 41.7224 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 56.7136, 54.5494, 41.7224 by changing the saturation by 10% instead.


 56.7136, 54.5494,
41.7224


 56.7136, 54.5494,
41.7224


402.4068,
404.2016, 369.0965

 41.0146, 39.0411,
28.5600


 99.1809, 96.8804,
79.0449

 28.5182, 26.7917,
18.5055


 126.6800,
124.4719, 104.0420

 18.8591, 17.4168,
11.1404


158.8431,
156.8600, 133.8213

 11.6719, 10.5321,
6.0460

196.0356,
194.4289, 168.8010

 6.5913, 5.7532,
2.8038

238.6229,
237.5631, 209.3999

 3.2519, 2.6956,
0.9954

286.9703,

 1.2883, 0.9750,

286.6471, 256.0364

0.0000

341.4431,
342.0651, 309.1291

■ 0.1745, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7136, 54.5494,
41.7224

■ 56.7136, 54.5494,
41.7224

■ 51.8800, 47.8602,
30.9303

■ 62.2505, 62.0463,
54.5950

■ 47.7151, 41.9430,
22.1044

■ 68.5149, 70.3698,
69.6471

■ 44.1876, 36.7704,
15.1247

■ 75.5348, 79.5477,
86.9756

■ 41.2614, 32.3106,
9.8565

■ 83.3355, 89.6042,
106.6704

■ 38.8966, 28.5289,
6.1460

■ 86.4432, 95.5630,
108.4972

■ 37.0470, 25.3869,
3.8118

■ 35.6439, 22.8357,
2.5578

■ 35.5899, 22.7365,
2.5128

Harmonies

Analogous

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



59.7630, 54.5494, 49.6105



56.7136, 54.5494, 41.7224



52.4840, 54.5494, 38.5586

Triad

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



56.7136, 54.5494, 41.7224



43.9426, 54.5494, 57.5981



55.5560, 54.5494, 83.7247

Complementary

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



56.7136, 54.5494, 41.7224



51.2539, 57.5355, 83.2672

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.



51.2163, 54.5494, 86.6421



56.7136, 54.5494, 41.7224



44.6639, 54.5494, 70.3882

Square

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



56.7136, 54.5494, 41.7224



45.2402, 54.5494, 46.8737



47.2682, 54.5494, 81.4631



59.0688, 54.5494, 73.9684

Rectangle

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



56.7136, 54.5494, 41.7224



49.6218, 54.5494, 39.1769



47.2682, 54.5494, 81.4631



54.1389, 54.5494, 85.5912

Sweetspot

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



56.7150, 54.5519, 41.7235



87.0173, 89.4985, 89.0698



56.7188, 47.1302, 64.6281



18.3632, 18.8109, 18.4264



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.



56.7150, 54.5519, 41.7235



68.1245, 64.0529, 44.7292



64.6958, 70.5134, 44.3838



14.7911, 15.1962, 15.0580



20.2532, 13.0806, 1.4573



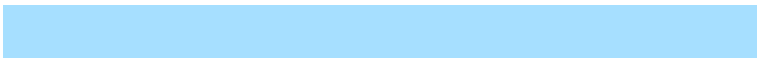
1.5816, 1.1365, 0.1360

Inverse Universe

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



51.2539, 57.5355, 83.2672



60.2434, 68.3397, 104.6235



43.9744, 42.9765, 80.8407



14.3569, 15.4353, 18.3669



14.2727, 15.6075, 44.6435



1.1413, 1.3265, 3.3279

Previews

White Background



This preview shows how the XYZ color 56.7136, 54.5494, 41.7224 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 56.7136, 54.5494, 41.7224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

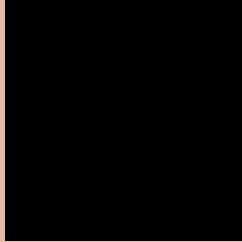
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7136, 54.5494, 41.7224

Background



This preview shows how black text looks on a background with the XYZ color 56.7136, 54.5494, 41.7224.



This preview shows how white text looks on a background with the XYZ color 56.7136, 54.5494,

41.7224.

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

56.7136, 54.5494, 41.7224

Protanopia

51.5749, 54.7625, 43.9283

Deuteranopia

55.8688, 54.7438, 41.8044



Tritanopia

60.3059, 54.4803, 58.9670

Trichromacy



Original Color

56.7136, 54.5494, 41.7224

Protanomaly

53.3727, 54.7120, 43.3447

Deuteranomaly

55.9705, 54.4802, 41.7482

Tritanomaly

59.0850, 54.6095, 52.2263

Monochromacy



Original Color

56.7136, 54.5494, 41.7224

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.5138, 54.5699, 53.0600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7136, 54.5494, 41.7224 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(230, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(230, 186, 162)  
}
```

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(230, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 186, 162) }
```

Border

The CSS property to change the border of an element to XYZ 56.7136, 54.5494, 41.7224 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(230, 186, 162) }
```


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

```
.border{ border-color:rgb(230, 186, 162) }
```

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

Here you see how a box with a 4 pixel rgb(230, 186, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(230, 186,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7136, 54.5494, 41.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 186, 162) }
```

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

```
.background{ background-color: rgb(230,  
186, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor