

Converting Colors

XYZ(56.1557, 54.3735, 41.8615)

Have a look what the booklet for
XYZ(56.1557, 54.3735, 41.8615)
contains.

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Color

**XYZ(56.0754, 54.2204,
41.6925)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BAA2
RGB	228, 186, 162
RGB Percent	89%, 73%, 64%
CMY	0.1059, 0.2706, 0.3647
CMYK	0.00, 0.18, 0.29, 0.11
HSL	22°, 55%, 76%
HSV	22°, 29%, 89%
XYZ	56.0754, 54.2204, 41.6925
YIQ	195.8220, 32.7360, 1.4400

Conversions

Conversions Part 2

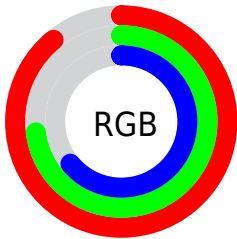
Format	Color
R _Y B	228, 200, 162
Decimal	14989986
CIE Lab	78.59, 11.64, 17.85
CIE LCh	79, 21.313, 56.901
Yxy	54.2204, 0.3689, 0.3567
Android (android.graphics.Color)	4293180066 (0xFFE4BAA2)
YUV	195.8220, -16.6742, 28.2201
Hunter-Lab	73.6345, 7.0740, 17.9736

Details

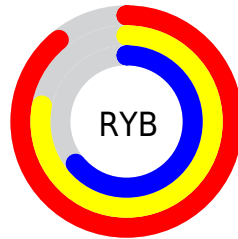
The XYZ color **56.0754, 54.2204, 41.6925** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.4962, 56.4669, 81.6368**, and the grayscale version is **52.4469, 55.1782, 60.0890**.

A 20% lighter version of the original color is **85.5165, 89.7740, 78.4666**, and **28.2153, 26.6715, 18.4129** is the 20% darker color. If you saturate the color by 10%, you get **51.3271, 47.6784, 31.0010**, and if you desaturate by 10%, it is **61.5044, 61.5351, 54.4250**.

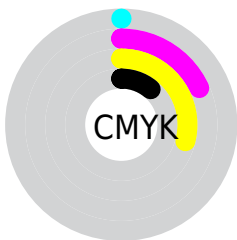
Distribution



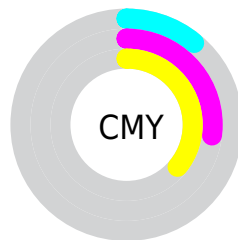
- Red (89%)
- Green (73%)
- Blue (64%)



- Red (89%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0754, 54.2204, 41.6925 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 56.0754, 54.2204, 41.6925 by changing the saturation by 10% instead.


 56.0754, 54.2204,
41.6925


 56.0754, 54.2204,
41.6925


400.0460,
402.9499, 368.9686

 40.5006, 38.7779,
28.5368

 98.2540, 96.3978,
78.9991

 28.1150, 26.5870,
18.4882


 125.5885,
123.9014, 103.9871

 18.5533, 17.2633,
11.1280


157.5736,
156.1943, 133.7562

 11.4500, 10.4224,
6.0377

194.5747,
193.6607, 168.7251

 6.4399, 5.6799,
2.7989

236.9572,
236.6851, 209.3122

 3.1576, 2.6514,
0.9929

285.0863,

 1.2376, 0.9526,

285.6518, 255.9362

0.0000

339.3274,
340.9453, 309.0155

■ 0.1358, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0754, 54.2204,
41.6925

■ 56.0754, 54.2204,
41.6925

■ 51.3271, 47.6784,
31.0010

■ 61.5044, 61.5351,
54.4250

■ 47.2262, 41.8751,
22.2393

■ 67.6369, 69.6399,
69.2948

■ 43.7426, 36.7851,
15.2909

■ 74.5001, 78.5612,
86.3962

■ 40.8420, 32.3784,
10.0249

■ 82.1182, 88.3216,
105.8167

■ 38.4860, 28.6224,
6.2927

■ 85.8050, 95.2340,
108.4673

■ 36.6308, 25.4813,
3.9189

■ 35.2138, 22.9105,
2.6352

■ 35.0825, 22.6691,
2.5265

Harmonies

Analogous

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



59.0833, 54.2204, 49.1717



56.0754, 54.2204, 41.6925



51.9730, 54.2204, 38.8099

Triad

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



56.0754, 54.2204, 41.6925



43.8789, 54.2204, 57.7943



55.2786, 54.2204, 82.1767

Complementary

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



56.0754, 54.2204, 41.6925



50.4962, 56.4669, 81.6368

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.



51.0992, 54.2204, 85.2955



56.0754, 54.2204, 41.6925



44.6584, 54.2204, 70.1403

Square

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



56.0754, 54.2204, 41.6925



45.0567, 54.2204, 47.2778



47.2463, 54.2204, 80.6265



58.6059, 54.2204, 72.5998

Rectangle

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



56.0754, 54.2204, 41.6925



49.2209, 54.2204, 39.5447



47.2463, 54.2204, 80.6265



53.9202, 54.2204, 84.0671

Sweetspot

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



56.0768, 54.2229, 41.6936



87.0897, 89.6432, 89.0939



55.9231, 46.7382, 63.7687



18.3810, 18.8464, 18.4323



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.



56.0768, 54.2229, 41.6936



68.3423, 64.4886, 44.8018



63.6142, 69.2977, 44.2061



14.8040, 15.2219, 15.0623



20.3608, 13.2958, 1.4932



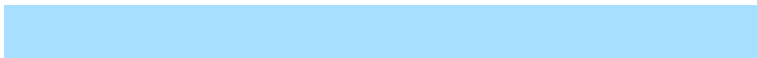
1.5906, 1.1544, 0.1390

Inverse Universe

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



50.4962, 56.4669, 81.6368



59.9883, 67.8295, 104.5384



43.6380, 42.7505, 79.3507



14.3436, 15.4086, 18.3625



14.0561, 15.1742, 44.5713



1.1263, 1.2965, 3.3229

Previews

White Background



This preview shows how the XYZ color 56.0754, 54.2204, 41.6925 looks on a white background.

Color Contrast Check

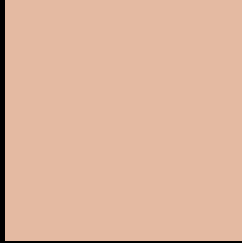
Large Text (above 18pt) WCAG AA × Fail

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 56.0754, 54.2204, 41.6925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

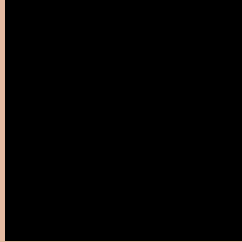
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0754, 54.2204, 41.6925

Background



This preview shows how black text looks on a background with the XYZ color 56.0754, 54.2204, 41.6925.



This preview shows how white text looks on a background with the XYZ color 56.0754, 54.2204,

41.6925.

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

56.0754, 54.2204, 41.6925

Protanopia

51.3516, 54.3159, 43.8539

Deuteranopia

55.3432, 54.1568, 41.7188



Tritanopia

59.6529, 54.1437, 58.9365

Trichromacy



Original Color

56.0754, 54.2204, 41.6925

Protanomaly

52.8629, 54.1243, 43.2582

Deuteranomaly

55.6559, 54.3180, 41.7335

Tritanomaly

58.4357, 54.2748, 52.1959

Monochromacy



Original Color

56.0754, 54.2204, 41.6925

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 56.0754, 54.2204, 41.6925 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(228, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 186, 162) }
```

Border

The CSS property to change the border of an element to XYZ 56.0754, 54.2204, 41.6925 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(228, 186, 162) }
```


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

```
.border{ border-color:rgb(228, 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(228, 186, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 186, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 186, 162); box-shadow:4px 4px 4px 4px rgb(228, 186, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0754, 54.2204, 41.6925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 186, 162) }
```

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

```
.background{ background-color: rgb(228,  
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](#).

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