

Converting Colors

XYZ(56.1666, 53.3420, 46.6086)

Have a look what the booklet for
XYZ(56.1666, 53.3420, 46.6086)
contains.

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Color

**XYZ(56.0584, 53.1764,
46.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B7AC
RGB	227, 183, 172
RGB Percent	89%, 72%, 67%
CMY	0.1098, 0.2823, 0.3255
CMYK	0.00, 0.19, 0.24, 0.11
HSL	12°, 50%, 78%
HSV	12°, 24%, 89%
XYZ	56.0584, 53.1764, 46.3392
YIQ	194.9020, 29.7550, 5.9070

Conversions

Conversions Part 2

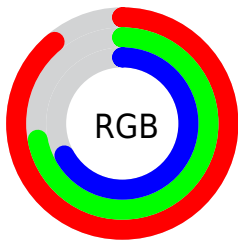
Format	Color
R _Y B	227, 186, 172
Decimal	14923692
CIE Lab	77.98, 14.23, 11.59
CIE LCh	78, 18.355, 39.172
Yxy	53.1764, 0.3603, 0.3418
Android (android.graphics.Color)	4293113772 (0xFFE3B7AC)
YUV	194.9020, -11.2907, 28.1499
Hunter-Lab	72.9222, 9.6069, 13.3690

Details

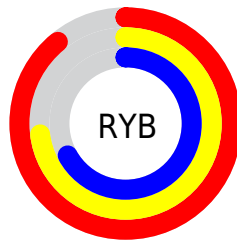
The XYZ color **56.0584, 53.1764, 46.3392** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.4336, 63.4266, 81.9942**, and the grayscale version is **51.8673, 54.5684, 59.4250**.

A 20% lighter version of the original color is **85.9716, 88.5391, 85.2316**, and **28.1674, 25.9793, 21.2992** is the 20% darker color. If you saturate the color by 10%, you get **50.5552, 45.3658, 34.6520**, and if you desaturate by 10%, it is **62.4201, 62.1073, 60.1509**.

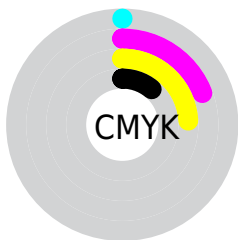
Distribution



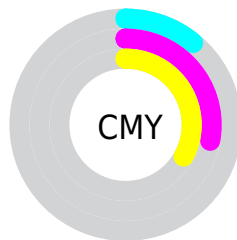
- Red (89%)
- Green (72%)
- Blue (67%)



- Red (89%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0584, 53.1764, 46.3392 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 56.0584, 53.1764, 46.3392 by changing the saturation by 10% instead.


 56.0584, 53.1764,
46.3392

 56.0584, 53.1764,
46.3392


399.9830,
398.9615, 388.4878

 40.4869, 37.9436,
32.1630

 98.2293, 94.8639,
86.0660

 28.1043, 25.9389,
21.2202


125.5594,
122.0874, 112.4537

 18.5452, 16.7780,
13.0922


157.5398,
154.0765, 143.7490

 11.4441, 10.0763,
7.3606

194.5358,
191.2158, 180.3704

 6.4359, 5.4496,
3.6068

236.9127,
233.8895, 222.7364

 3.1551, 2.5134,
1.4122

285.0360,

 1.2363, 0.8833,

282.4821, 271.2656

0.1512

339.2710,
337.3780, 326.3766

■ 0.1347, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0584, 53.1764,
46.3392

■ 56.0584, 53.1764,
46.3392

■ 50.5552, 45.3658,
34.6520

■ 62.4201, 62.1073,
60.1509

■ 45.8689, 38.6238,
24.9803

■ 69.6709, 72.1928,
76.1823

■ 41.9610, 32.9057,
17.2103

■ 77.8453, 83.4751,
94.5266

■ 38.7877, 28.1605,
11.2154

■ 85.4887, 95.0709,
108.4525

■ 36.3010, 24.3331,
6.8537

■ 34.4466, 21.3622,
3.9610

■ 33.1612, 19.1788,
2.3383

■ 32.6331, 18.2398,
1.8007

Harmonies

Analogous

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



57.6333, 53.1764, 54.8199



56.0584, 53.1764, 46.3392



53.0251, 53.1764, 41.3874

Triad

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



56.0584, 53.1764, 46.3392



44.3890, 53.1764, 51.1816



51.6457, 53.1764, 79.5790

Complementary

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



56.0584, 53.1764, 46.3392



55.4336, 63.4266, 81.9942

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.



48.1387, 53.1764, 78.3072



56.0584, 53.1764, 46.3392



44.0586, 53.1764, 61.0935

Square

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



56.0584, 53.1764, 46.3392



46.3258, 53.1764, 43.9458



45.4010, 53.1764, 71.2396



55.0078, 53.1764, 74.5337

Rectangle

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



56.0584, 53.1764, 46.3392



50.6419, 53.1764, 40.3695



45.4010, 53.1764, 71.2396



50.4433, 53.1764, 79.8878

Sweetspot

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



56.0598, 53.1788, 46.3403



87.9209, 90.1290, 92.9984



58.8262, 50.7944, 71.6699



18.6931, 19.1169, 19.6269



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.



56.0598, 53.1788, 46.3403



69.2908, 64.0086, 52.4458



62.2956, 65.6504, 48.4189



14.6093, 14.8326, 14.9974



19.0973, 10.7688, 1.0720



1.4760, 0.9253, 0.1008

Inverse Universe

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



55.4336, 63.4266, 81.9942



68.3380, 79.4902, 106.3491



48.9692, 50.4978, 79.8394



14.5497, 15.8207, 18.4312



17.8765, 22.8151, 45.8447



1.3834, 1.8108, 3.4086

Previews

White Background



This preview shows how the XYZ color 56.0584, 53.1764, 46.3392 looks on a white background.

Color Contrast Check

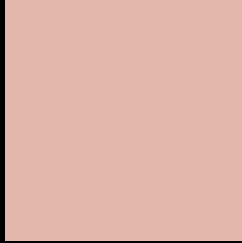
Large Text (above 18pt) WCAG AA × Fail

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 56.0584, 53.1764, 46.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

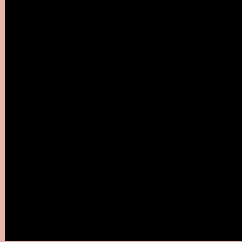
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0584, 53.1764, 46.3392

Background



This preview shows how black text looks on a background with the XYZ color 56.0584, 53.1764, 46.3392.



This preview shows how white text looks on a background with the XYZ color 56.0584, 53.1764,

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

56.0584, 53.1764, 46.3392

Protanopia

50.6049, 53.1530, 49.1874

Deuteranopia

54.4248, 53.2737, 45.9424



Tritanopia

58.6920, 53.3606, 58.2451

Trichromacy



Original Color

56.0584, 53.1764, 46.3392

Protanomaly

52.5138, 53.1920, 48.0567

Deuteranomaly

55.1311, 53.3262, 45.9153

Tritanomaly

57.6999, 53.2509, 53.6917

Monochromacy



Original Color

56.0584, 53.1764, 46.3392

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.3326, 54.1149, 54.6480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0584, 53.1764, 46.3392 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(227, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(227, 183, 172)  
}
```

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(227, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 183, 172) }
```

Border

The CSS property to change the border of an element to XYZ 56.0584, 53.1764, 46.3392 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(227, 183, 172) }
```


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

```
.border{ border-color:rgb(227, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(227, 183,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0584, 53.1764, 46.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 183, 172) }
```

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

```
.background{ background-color: rgb(227,  
183, 172) }
```

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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