

Converting Colors

XYZ(56.6503, 51.3389, 48.0154)

Have a look what the booklet for
XYZ(56.6503, 51.3389, 48.0154)
contains.

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Color

**XYZ(56.6405, 51.3411,
47.9988)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0B0
RGB	232, 176, 176
RGB Percent	91%, 69%, 69%
CMY	0.0902, 0.3098, 0.3098
CMYK	0.00, 0.24, 0.24, 0.09
HSL	0°, 55%, 80%
HSV	0°, 24%, 91%
XYZ	56.6405, 51.3411, 47.9988
YIQ	192.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

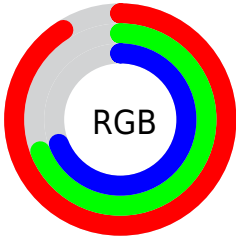
Format	Color
R_{YB}	232, 176, 176
Decimal	15249584
CIE _{Lab}	76.89, 20.39, 7.93
CIE _{LCh}	77, 21.880, 21.258
Yxy	51.3411, 0.3631, 0.3292
Android (android.graphics.Color)	4293439664 (0xFFE8B0B0)
YUV	192.7440, -8.2548, 34.4275
Hunter-Lab	71.6527, 15.7096, 10.4396

Details

The XYZ color **56.6405, 51.3411, 47.9988** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.3257, 72.7672, 87.1574**, and the grayscale version is **50.5727, 53.2064, 57.9417**.

A 20% lighter version of the original color is **84.6621, 84.7994, 88.2497**, and **28.4002, 24.7351, 22.3463** is the 20% darker color. If you saturate the color by 10%, you get **50.3720, 42.1688, 35.5355**, and if you desaturate by 10%, it is **64.0814, 62.2295, 62.7895**.

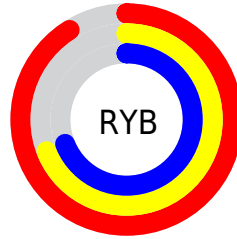
Distribution



Red (91%)

Green (69%)

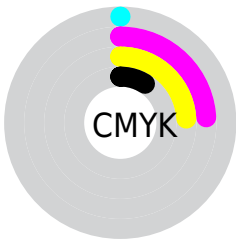
Blue (69%)



Red (91%)

Yellow (69%)

Blue (69%)

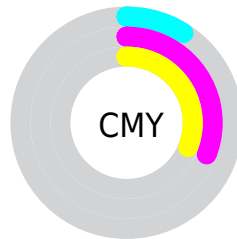


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6405, 51.3411, 47.9988 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 56.6405, 51.3411, 47.9988 by changing the saturation by 10% instead.


 56.6405, 51.3411,
47.9988

 56.6405, 51.3411,
47.9988


402.1368,
391.8876, 395.2959

 40.9557, 36.4801,
33.4660


 99.0748, 92.1588,
88.5681

 28.4720, 24.8052,
22.2096


126.5551,
118.8843, 115.4417

 18.8240, 15.9320,
13.8112


158.6978,
150.3334, 147.2660

 11.6464, 9.4761,
7.8522

195.8685,
186.8906, 184.4594

 6.5739, 5.0530,
3.9141

238.4323,
228.9402, 227.4406

 3.2410, 2.2784,
1.5783

286.7548,

 1.2825, 0.7622,

276.8667, 276.6280

0.2753

341.2012,
331.0543, 332.4403

■ 0.1700, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6405, 51.3411,
47.9988

■ 56.6405, 51.3411,
47.9988

■ 50.3720, 42.1688,
35.5355

■ 64.0814, 62.2295,
62.7895

■ 45.2122, 34.6185,
25.2781

■ 72.7457, 74.9077,
80.0141

■ 41.0978, 28.5980,
17.0992

■ 82.6865, 89.4538,
99.7765

■ 37.9575, 24.0027,
10.8568

■ 87.0888, 95.8959,
108.5274

■ 35.7111, 20.7155,
6.3914

■ 34.2655, 18.6000,
3.5181

■ 33.5074, 17.4904,
2.0114

■ 33.2790, 17.1563,
1.5575

Harmonies

Analogous

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



57.1406, 51.3411, 59.4568



56.6405, 51.3411, 47.9988



53.9782, 51.3411, 39.8670

Triad

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



56.6405, 51.3411, 47.9988



42.8202, 51.3411, 42.7537



47.5924, 51.3411, 81.7443

Complementary

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



56.6405, 51.3411, 47.9988



61.3257, 72.7672, 87.1574

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.



43.9607, 51.3411, 75.7454



56.6405, 51.3411, 47.9988



41.3100, 51.3411, 52.4913

Square

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



56.6405, 51.3411, 47.9988



45.9545, 51.3411, 37.1515



41.7154, 51.3411, 64.6277



51.7568, 51.3411, 80.0899

Rectangle

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



56.6405, 51.3411, 47.9988



51.4141, 51.3411, 36.8900



41.7154, 51.3411, 64.6277



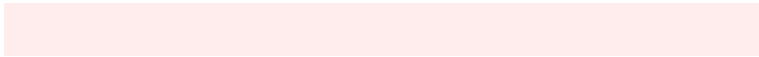
46.2725, 51.3411, 80.5282

Sweetspot

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



56.6419, 51.3435, 47.9999



86.8761, 88.0393, 92.6501



63.3699, 54.0332, 83.4337



18.4520, 18.6347, 19.5466



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.



56.6419, 51.3435, 47.9999



66.1209, 57.6689, 51.3892



62.7084, 63.4766, 50.0220



14.3772, 14.3682, 14.9200



18.4752, 9.5246, 0.8647



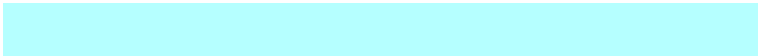
1.3653, 0.7039, 0.0639

Inverse Universe

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



61.3257, 72.7672, 87.1574



72.8758, 88.5658, 107.8617



54.0633, 58.2425, 84.7366



14.8074, 16.3362, 18.5171



24.1033, 35.2686, 47.9203



1.7812, 2.6063, 3.5412

Previews

White Background



This preview shows how the XYZ color 56.6405, 51.3411, 47.9988 looks on a white background.

Color Contrast Check

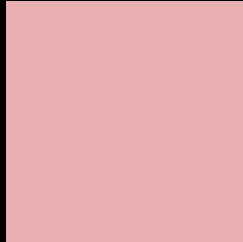
Large Text (above 18pt) WCAG AA × Fail

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 56.6405, 51.3411, 47.9988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

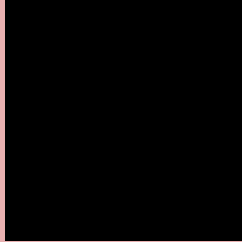
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6405, 51.3411, 47.9988

Background



This preview shows how black text looks on a background with the XYZ color 56.6405, 51.3411, 47.9988.



This preview shows how white text looks on a background with the XYZ color 56.6405, 51.3411,

47.9988.

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

56.6405, 51.3411, 47.9988

Protanopia

49.2505, 51.4162, 52.1283

Deuteranopia

52.4029, 51.2583, 47.6893



Tritanopia

57.8174, 51.2266, 54.4174

Trichromacy



Original Color

56.6405, 51.3411, 47.9988

Protanomaly

51.3911, 50.9862, 50.3127

Deuteranomaly

53.8779, 51.1098, 47.5829

Tritanomaly

57.5860, 51.4443, 52.2420

Monochromacy



Original Color

56.6405, 51.3411, 47.9988

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4721, 52.3939, 54.3612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6405, 51.3411, 47.9988 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, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 176)  
}
```

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, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 176) }
```

Border

The CSS property to change the border of an element to XYZ 56.6405, 51.3411, 47.9988 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, 176, 176) }
```


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

```
.border{ border-color:rgb(232, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6405, 51.3411, 47.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 176) }
```

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

```
.background{ background-color: rgb(232,  
176, 176) }
```

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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