

Converting Colors

XYZ(47.3256, 46.1181, 53.4211)

Have a look what the booklet for
XYZ(47.3256, 46.1181, 53.4211)
contains.

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Color

**XYZ(47.3256, 46.1181,
53.4211)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AFBB
RGB	197, 175, 187
RGB Percent	77%, 69%, 73%
CMY	0.2274, 0.3137, 0.2667
CMYK	0.00, 0.11, 0.05, 0.23
HSL	327°, 16%, 73%
HSV	327°, 11%, 77%
XYZ	47.3256, 46.1181, 53.4211
YIQ	182.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

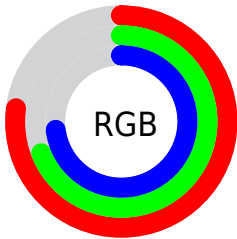
Format	Color
RYB	197, 175, 187
Decimal	12955579
CIELab	73.62, 10.00, -3.22
CIELCh	74, 10.503, 342.139
Yxy	46.1181, 0.3222, 0.3140
Android (android.graphics.Color)	4291145659 (0xFFC5AFBB)
YUV	182.9460, 1.9986, 12.3254
Hunter-Lab	67.9103, 5.5507, 0.8972

Details

The XYZ color **47.3256, 46.1181, 53.4211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4042, 52.5505, 53.5990**, and the grayscale version is **44.9671, 47.3089, 51.5194**.

A 20% lighter version of the original color is **85.6266, 84.6937, 96.6285**, and **22.7137, 21.7268, 25.5508** is the 20% darker color. If you saturate the color by 10%, you get **42.8388, 38.6308, 47.3420**, and if you desaturate by 10%, it is **52.4342, 54.7521, 60.0036**.

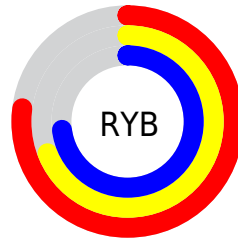
Distribution



Red (77%)

Green (69%)

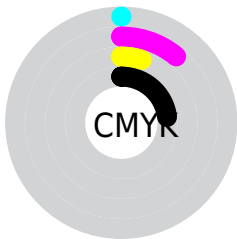
Blue (73%)



Red (77%)

Yellow (69%)

Blue (73%)

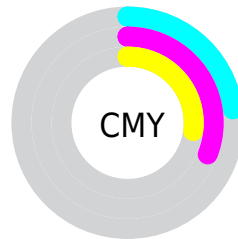


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3256, 46.1181, 53.4211 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 47.3256, 46.1181, 53.4211 by changing the saturation by 10% instead.

■ 47.3256, 46.1181,
53.4211

■ 47.3256, 46.1181,
53.4211

366.7399,
371.2832, 417.0107

■ 33.5022, 32.3390,
37.7490

■ 85.4152, 84.3957,
96.6715

■ 22.6725, 21.6206,
25.4876

110.4121,
109.6630, 125.0870

■ 14.4712, 13.5784,
16.2184

139.8642,
139.5286, 158.5873

■ 8.5330, 7.8280,
9.5228

174.1368,
174.3767, 197.5910

■ 4.4925, 3.9851,
4.9823

213.5954,
214.5919, 242.5166

■ 1.9844, 1.6652,
2.1783

258.6052,

■ 0.6252, 0.4010,

260.5584, 293.7828

0.6618

309.5316,
312.6607, 351.8079

■ 0.0000, 0.0000,
0.0000

■ 47.3256, 46.1181,
53.4211

■ 47.3256, 46.1181,
53.4211

■ 42.8388, 38.6308,
47.3420

■ 52.4342, 54.7521,
60.0036

■ 38.9446, 32.2355,
41.7496

■ 58.1844, 64.5724,
67.0997

■ 35.6175, 26.8819,
36.6304

■ 64.5999, 75.6242,
74.7229

■ 32.8281, 22.5137,
31.9691

■ 71.7020, 87.9487,
82.8851

■ 30.5447, 19.0687,
27.7492

■ 73.3207, 89.2042,
89.5347

■ 28.7317, 16.4782,
23.9529

■ 74.6242, 89.7256,
96.3989

■ 27.3488, 14.6632,
20.5604

■ 75.9935, 90.2734,
103.6094

■ 26.3480, 13.5300,
17.5494

■ 76.8363, 90.6105,
108.0476

■ 25.7034, 12.9413,
15.1753

Harmonies

Analogous

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



46.2766, 46.1181, 58.1964



47.3256, 46.1181, 53.4211



47.4229, 46.1181, 48.0922

Triad

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



47.3256, 46.1181, 53.4211



43.0863, 46.1181, 40.8550



41.2359, 46.1181, 57.4026

Complementary

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



47.3256, 46.1181, 53.4211



46.4042, 52.5505, 53.5990

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.



40.4307, 46.1181, 52.3989



47.3256, 46.1181, 53.4211



41.4786, 46.1181, 42.9985

Square

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



47.3256, 46.1181, 53.4211



44.9396, 46.1181, 41.0860



40.5183, 46.1181, 47.1394



42.7464, 46.1181, 60.6045

Rectangle

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



47.3256, 46.1181, 53.4211



46.9314, 46.1181, 44.9623



40.5183, 46.1181, 47.1394



40.8757, 46.1181, 55.8611

Sweetspot

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



47.3269, 46.1201, 53.4221



92.1029, 94.9938, 105.1803



45.3933, 44.9952, 59.1165



19.5491, 20.0533, 22.3032



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.



47.3269, 46.1201, 53.4221



83.0392, 79.7100, 93.3922



46.2040, 45.6709, 47.5086



10.8718, 10.7321, 12.3080



16.9487, 8.5290, 10.2057



0.8387, 0.4183, 0.6739

Inverse Universe

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



47.3269, 46.1201, 53.4221



83.0392, 79.7100, 93.3922



47.5993, 53.0286, 59.8925



10.8718, 10.7321, 12.3080



16.9487, 8.5290, 10.2057



0.8387, 0.4183, 0.6739

Previews

White Background



This preview shows how the XYZ color 47.3256, 46.1181, 53.4211 looks on a white background.

Color Contrast Check

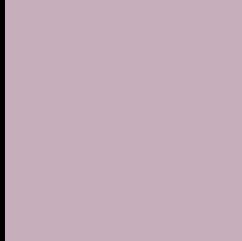
Large Text (above 18pt) WCAG AA × Fail

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 47.3256, 46.1181, 53.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

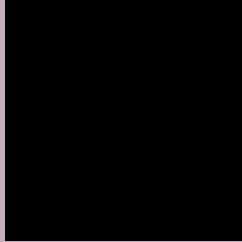
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3256, 46.1181, 53.4211

Background



This preview shows how black text looks on a background with the XYZ color 47.3256, 46.1181, 53.4211.



This preview shows how white text looks on a background with the XYZ color 47.3256, 46.1181,

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

47.3256, 46.1181, 53.4211

Protanopia

44.9069, 46.3053, 55.2862

Deuteranopia

47.0646, 45.9836, 53.4089



Tritanopia

47.4330, 46.1611, 53.9869

Trichromacy



Original Color

47.3256, 46.1181, 53.4211

Protanomaly

45.5992, 46.0797, 54.6350

Deuteranomaly

47.0646, 45.9836, 53.4089

Tritanomaly

47.4330, 46.1611, 53.9869

Monochromacy



Original Color

47.3256, 46.1181, 53.4211

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.7120, 46.7946, 51.9704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3256, 46.1181, 53.4211 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(197, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 187)  
}
```

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(197, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.3256, 46.1181, 53.4211 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(197, 175, 187) }
```


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

```
.border{ border-color:rgb(197, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(197, 175,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3256, 46.1181, 53.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 187) }
```

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

```
.background{ background-color: rgb(197,  
175, 187) }
```

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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