

Converting Colors

XYZ(47.3204, 56.9609, 38.5967)

Have a look what the booklet for
XYZ(47.3204, 56.9609, 38.5967)
contains.

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Color

**XYZ(47.3540, 56.8706,
38.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CF99
RGB	182, 207, 153
RGB Percent	71%, 81%, 60%
CMY	0.2863, 0.1882, 0.4000
CMYK	0.12, 0.00, 0.26, 0.19
HSL	88°, 36%, 71%
HSV	88°, 26%, 81%
XYZ	47.3540, 56.8706, 38.6183
YIQ	193.3690, 2.4340, -22.0940

Conversions

Conversions Part 2

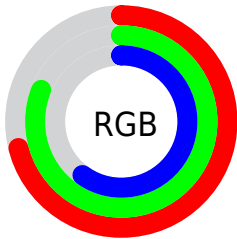
Format	Color
RYB	153, 207, 178
Decimal	11980697
CIELab	80.11, -17.88, 24.13
CIELCh	80, 30.030, 126.531
Yxy	56.8706, 0.3315, 0.3981
Android (android.graphics.Color)	4290170777 (0xFFB6CF99)
YUV	193.3690, -19.9019, -9.9706
Hunter-Lab	75.4126, -19.8861, 22.4268

Details

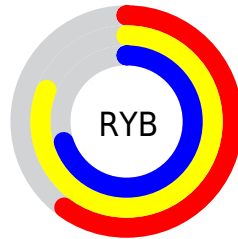
The XYZ color **47.3540, 56.8706, 38.6183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.0161, 36.7540, 63.9670**, and the grayscale version is **51.0195, 53.6765, 58.4537**.

A 20% lighter version of the original color is **82.4051, 94.2512, 73.5236**, and **22.8428, 28.4089, 16.8499** is the 20% darker color. If you saturate the color by 10%, you get **43.6042, 55.1200, 30.2791**, and if you desaturate by 10%, it is **51.5583, 58.8247, 48.5293**.

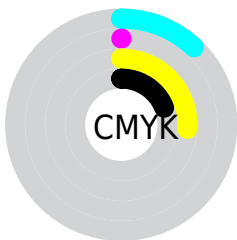
Distribution



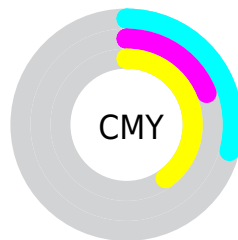
- Red (71%)
- Green (81%)
- Blue (60%)



- Red (60%)
- Yellow (81%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (26%)
- Black (19%)





- Cyan (29%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3540, 56.8706, 38.6183 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 47.3540, 56.8706, 38.6183 by changing the saturation by 10% instead.


 47.3540, 56.8706,
38.6183


 47.3540, 56.8706,
38.6183


366.8511,
412.9643, 355.6423

 33.5247, 40.9014,
26.1574


 85.4573, 100.2764,
74.2688

 22.6899, 28.2420,
16.7146


 110.4621,
128.4817, 98.2954

 14.4841, 18.5082,
9.8714

139.9227,
161.5344, 127.0143

 8.5421, 11.3154,
5.2093

174.2045,
199.8191, 160.8440

 4.4984, 6.2794,
2.3097

213.6729,
243.7200, 200.2032

 1.9878, 3.0157,
0.7366

258.6933,

 0.6271, 1.1399,

293.6216, 245.5102

0.0000

309.6309,
349.9082, 297.1838

■ 0.0000, 0.0118,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.3540, 56.8706,
38.6183

■ 47.3540, 56.8706,
38.6183

■ 43.6042, 55.1200,
30.2791

■ 51.5583, 58.8247,
48.5293

■ 40.2862, 53.5577,
23.4274

■ 56.2300, 60.9822,
60.0836

■ 37.3815, 52.1779,
17.9762

■ 61.3867, 63.3522,
73.3524

■ 34.8685, 50.9716,
13.8283

■ 67.0437, 65.9413,
88.4019

■ 32.7229, 49.9287,
10.8738

■ 72.9726, 68.6583,
104.0140

■ 30.9169, 49.0376,
8.9851

■ 76.1324, 70.2872,
104.1619

■ 29.4166, 48.2843,
8.0020

■ 79.4640, 72.0047,
104.3178

■ 28.8895, 48.0178,
7.7457

■ 81.6040, 73.1079,
104.4180

Harmonies

Analogous

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



52.7278, 56.8706, 34.1353



47.3540, 56.8706, 38.6183



43.9720, 56.8706, 49.4588

Triad

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



47.3540, 56.8706, 38.6183



49.5060, 56.8706, 98.2219



66.5942, 56.8706, 58.1718

Complementary

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



47.3540, 56.8706, 38.6183



41.0161, 36.7540, 63.9670

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.



65.5696, 56.8706, 76.3215



47.3540, 56.8706, 38.6183



55.4018, 56.8706, 101.7544

Square

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



47.3540, 56.8706, 38.6183



45.1474, 56.8706, 84.2020



61.3575, 56.8706, 93.1056



64.0606, 56.8706, 43.9665

Rectangle

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



47.3540, 56.8706, 38.6183



43.1485, 56.8706, 59.9073



61.3575, 56.8706, 93.1056



66.6572, 56.8706, 63.9822

Sweetspot

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



47.3555, 56.8731, 38.6195



88.5476, 97.0074, 92.3520



47.2655, 47.1302, 36.7437



18.7033, 20.6485, 19.1441



0.0000, 0.0000, 0.0000



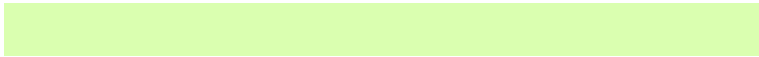
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.3555, 56.8731, 38.6195



72.6244, 89.6196, 54.5190



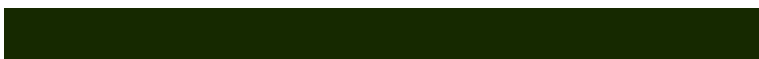
41.7166, 53.9661, 38.3556



12.2539, 13.5144, 12.5747



18.3111, 30.3087, 4.8851



1.1149, 1.7416, 0.2774

Inverse Universe

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



41.0161, 36.7540, 63.9670



60.8761, 52.3302, 101.5000



47.6400, 40.1688, 64.2770



11.6765, 11.6820, 14.8831



10.2316, 4.4549, 37.5131



0.6632, 0.2961, 2.1018

Previews

White Background



This preview shows how the XYZ color 47.3540, 56.8706, 38.6183 looks on a white background.

Color Contrast Check

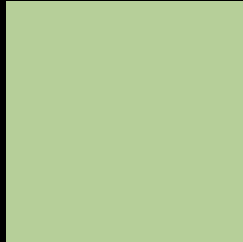
Large Text (above 18pt) WCAG AA × Fail

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 47.3540, 56.8706, 38.6183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

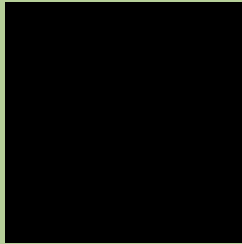
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

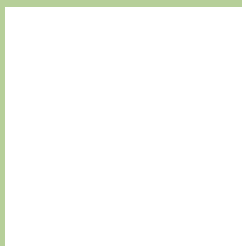
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3540, 56.8706, 38.6183

Background



This preview shows how black text looks on a background with the XYZ color 47.3540, 56.8706, 38.6183.



This preview shows how white text looks on a background with the XYZ color 47.3540, 56.8706,

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

47.3540, 56.8706, 38.6183

Protanopia

52.7703, 56.5551, 36.5687

Deuteranopia

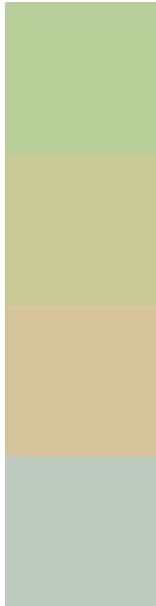
57.6929, 56.3830, 39.2948



Tritanopia

54.1750, 56.8295, 72.4038

Trichromacy



Original Color

47.3540, 56.8706, 38.6183

Protanomaly

50.4791, 56.3928, 37.0785

Deuteranomaly

53.3879, 56.1426, 39.0331

Tritanomaly

51.3740, 56.7382, 58.1130

Monochromacy



Original Color

47.3540, 56.8706, 38.6183

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.2162, 54.4213, 50.0299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3540, 56.8706, 38.6183 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(182, 207, 153)` looks like.

```
.text, #text, p{  
    color:rgb(182, 207, 153)  
}
```

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(182, 207, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 207, 153) }
```

Border

The CSS property to change the border of an element to XYZ 47.3540, 56.8706, 38.6183 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(182, 207, 153) }
```


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

```
.border{ border-color:rgb(182, 207, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 207, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 207, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 207, 153);  
box-shadow:4px 4px 4px 4px rgb(182, 207,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3540, 56.8706, 38.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 207, 153) }
```

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

```
.background{ background-color: rgb(182,  
207, 153) }
```

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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