

Converting Colors

XYZ(47.0702, 52.4861, 51.3139)

Have a look what the booklet for
XYZ(47.0702, 52.4861, 51.3139)
contains.

XYZ(47.1365, 52.6398, 51.3922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.1365, 52.6398,
51.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C4B5
RGB	181, 196, 181
RGB Percent	71%, 77%, 71%
CMY	0.2902, 0.2314, 0.2902
CMYK	0.08, 0.00, 0.08, 0.23
HSL	120°, 11%, 74%
HSV	120°, 8%, 77%
XYZ	47.1365, 52.6398, 51.3922
YIQ	189.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

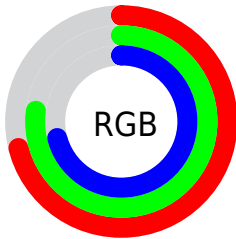
Format	Color
RYB	181, 196, 196
Decimal	11912373
CIELab	77.66, -7.94, 5.77
CIELCh	78, 9.817, 144.026
Yxy	52.6398, 0.3118, 0.3482
Android (android.graphics.Color)	4290102453 (0xFFB5C4B5)
YUV	189.8050, -4.3409, -7.7220
Hunter-Lab	72.5533, -11.0002, 8.7900

Details

The XYZ color **47.1365, 52.6398, 51.3922** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2546, 48.7704, 59.0448**, and the grayscale version is **48.8585, 51.4029, 55.9778**.

A 20% lighter version of the original color is **85.3364, 94.3695, 93.8382**, and **22.4714, 25.4937, 24.1585** is the 20% darker color. If you saturate the color by 10%, you get **40.9883, 49.6880, 41.3344**, and if you desaturate by 10%, it is **54.2172, 56.0426, 62.9728**.

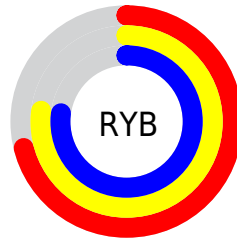
Distribution



Red (71%)

Green (77%)

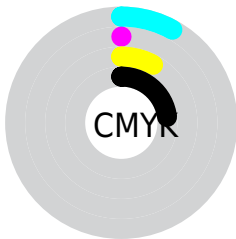
Blue (71%)



Red (71%)

Yellow (77%)

Blue (77%)

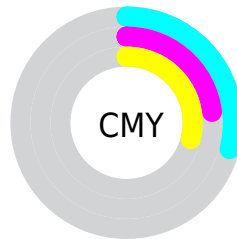


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (23%)



Cyan (29%)

Magenta (23%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1365, 52.6398, 51.3922 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 47.1365, 52.6398, 51.3922 by changing the saturation by 10% instead.

■ 47.1365, 52.6398,
51.3922

■ 47.1365, 52.6398,
51.3922

365.9989,
396.9016, 408.9756

■ 33.3520, 37.5153,
36.1419

■ 85.1348, 94.0741,
93.6517

■ 22.5567, 25.6067,
24.2533

110.0794,
121.1527, 121.4980

■ 14.3854, 16.5297,
15.3077

139.4746,
152.9849, 154.3800

■ 8.4727, 9.8997,
8.8866

173.6859,
189.9549, 192.7164

■ 4.4532, 5.3325,
4.5715

213.0786,
232.4471, 236.9256

■ 1.9616, 2.4437,
1.9438

258.0182,

■ 0.6123, 0.8482,

280.8461, 287.4262

0.5204

308.8698,
335.5361, 344.6367

■ 0.0000, 0.0000,
0.0000

■ 47.1365, 52.6398,
51.3922

■ 47.1365, 52.6398,
51.3922

■ 40.9883, 49.6880,
41.3344

■ 54.2172, 56.0426,
62.9728

■ 35.7296, 47.1620,
32.7329

■ 62.2625, 59.9071,
76.1322

■ 31.3206, 45.0442,
25.5212

■ 71.3080, 64.2522,
90.9279

■ 27.7168, 43.3131,
19.6264

■ 79.0309, 67.9619,
103.5603

■ 24.8695, 41.9454,
14.9691

■ 22.7248, 40.9152,
11.4611

■ 21.2219, 40.1932,
9.0027

■ 20.2893, 39.7453,
7.4773

■ 19.8237, 39.5216,
6.7157

Harmonies

Analogous

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



48.5612, 52.6398, 48.2888



47.1365, 52.6398, 51.3922



46.4896, 52.6398, 56.2348

Triad

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



47.1365, 52.6398, 51.3922



49.6537, 52.6398, 68.3533



53.4408, 52.6398, 53.1643

Complementary

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



47.1365, 52.6398, 51.3922



49.2546, 48.7704, 59.0448

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.



53.7511, 52.6398, 58.4106



47.1365, 52.6398, 51.3922



51.5334, 52.6398, 67.4031

Square

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



47.1365, 52.6398, 51.3922



47.9190, 52.6398, 66.1983



53.0449, 52.6398, 63.6779



52.2073, 52.6398, 49.2657

Rectangle

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



47.1365, 52.6398, 51.3922



46.5744, 52.6398, 59.8867



53.0449, 52.6398, 63.6779



53.6578, 52.6398, 54.8195

Sweetspot

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



47.1380, 52.6421, 51.3934



92.3882, 98.7214, 104.5461



50.8477, 54.5545, 51.5669



19.8027, 21.1438, 22.4227



0.0000, 0.0000, 0.0000



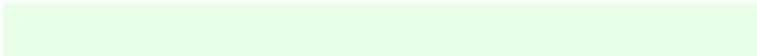
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1380, 52.6421, 51.3934



83.6276, 94.5132, 90.2165



47.9287, 52.9584, 55.5576



9.9445, 11.2588, 10.7109



12.6838, 25.3676, 4.2280



0.5480, 1.0961, 0.1827

Inverse Universe

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



49.2546, 48.7704, 59.0448



88.1607, 86.2214, 106.6035



48.4217, 48.4372, 54.6589



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3976



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 47.1365, 52.6398, 51.3922 looks on a white background.

Color Contrast Check

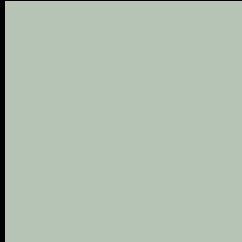
Large Text (above 18pt) WCAG AA × Fail

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 47.1365, 52.6398, 51.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

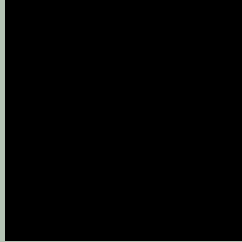
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

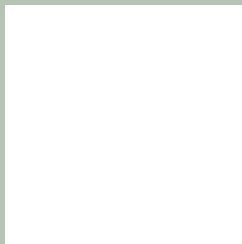
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1365, 52.6398, 51.3922

Background



This preview shows how black text looks on a background with the XYZ color 47.1365, 52.6398, 51.3922.



This preview shows how white text looks on a background with the XYZ color 47.1365, 52.6398,

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

47.1365, 52.6398, 51.3922

Protanopia

49.9554, 52.4817, 49.6165

Deuteranopia

53.3368, 52.2630, 52.0764



Tritanopia

50.1197, 52.5186, 66.5270

Trichromacy



Original Color

47.1365, 52.6398, 51.3922

Protanomaly

48.9449, 52.6011, 50.2212

Deuteranomaly

50.7285, 52.1901, 51.6560

Tritanomaly

49.0302, 52.4075, 60.9576

Monochromacy



Original Color

47.1365, 52.6398, 51.3922

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3128, 51.8519, 54.4758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1365, 52.6398, 51.3922 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(181, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 196, 181)  
}
```

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(181, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 196, 181) }
```

Border

The CSS property to change the border of an element to XYZ 47.1365, 52.6398, 51.3922 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(181, 196, 181) }
```


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

```
.border{ border-color:rgb(181, 196, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 196, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 196, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 196, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 196,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1365, 52.6398, 51.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 196, 181) }
```

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

```
.background{ background-color: rgb(181,  
196, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor