

Converting Colors

XYZ(47.7970, 52.8933, 55.3528)

Have a look what the booklet for
XYZ(47.7970, 52.8933, 55.3528)
contains.

XYZ(47.8731, 52.9345, 55.2711)	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(47.8731, 52.9345,
55.2711)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C4BC
RGB	181, 196, 188
RGB Percent	71%, 77%, 74%
CMY	0.2902, 0.2314, 0.2627
CMYK	0.08, 0.00, 0.04, 0.23
HSL	148°, 11%, 74%
HSV	148°, 8%, 77%
XYZ	47.8731, 52.9345, 55.2711
YIQ	190.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

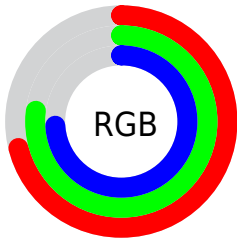
Format	Color
R _Y B	181, 191, 196
Decimal	11912380
CIE Lab	77.84, -6.65, 2.24
CIE LCh	78, 7.015, 161.340
Yxy	52.9345, 0.3067, 0.3392
Android (android.graphics.Color)	4290102460 (0xFFB5C4BC)
YUV	190.6030, -1.2833, -8.4218
Hunter-Lab	72.7561, -9.8712, 5.8880

Details

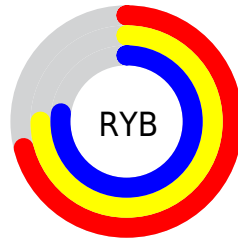
The XYZ color **47.8731, 52.9345, 55.2711** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4761, 48.4590, 54.9453**, and the grayscale version is **49.3025, 51.8701, 56.4865**.

A 20% lighter version of the original color is **86.3795, 94.7867, 99.3309**, and **22.9483, 25.6845, 26.6698** is the 20% darker color. If you saturate the color by 10%, you get **42.5102, 50.2969, 49.3485**, and if you desaturate by 10%, it is **53.9673, 55.9427, 61.6565**.

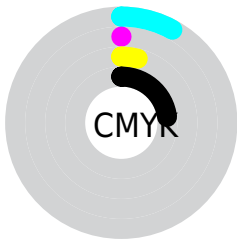
Distribution



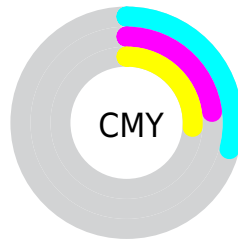
- Red (71%)
- Green (77%)
- Blue (74%)



- Red (71%)
- Yellow (75%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8731, 52.9345, 55.2711 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 47.8731, 52.9345, 55.2711 by changing the saturation by 10% instead.

■ 47.8731, 52.9345,
55.2711

■ 47.8731, 52.9345,
55.2711

368.8799,
398.0338, 424.2496

■ 33.9372, 37.7505,
39.2188

■ 86.2263, 94.5080,
99.4132

■ 23.0080, 25.7891,
26.6208

111.3743,
121.6662, 128.3400

■ 14.7202, 16.6659,
17.0587

140.9904,
153.5847, 162.3954

■ 8.7083, 9.9966,
10.1140

175.4400,
190.6477, 201.9978

■ 4.6070, 5.3967,
5.3680

215.0883,
233.2398, 247.5660

■ 2.0509, 2.4818,
2.4023

260.3009,

■ 0.6623, 0.8675,

281.7452, 299.5183

0.7877

311.4429,
336.5484, 358.2733

■ 0.0000, 0.0000,
0.0000

■ 47.8731, 52.9345,
55.2711

■ 47.8731, 52.9345,
55.2711

■ 42.5102, 50.2969,
49.3485

■ 53.9673, 55.9427,
61.6565

■ 37.8455, 48.0084,
43.8748

■ 60.8152, 59.3283,
68.5110

■ 33.8500, 46.0560,
38.8406

■ 68.4439, 63.1066,
75.8456

■ 30.4909, 44.4228,
34.2346

■ 75.2391, 66.4452,
83.5928

■ 27.7325, 43.0906,
30.0453

■ 76.7507, 67.0498,
91.5525

■ 25.5352, 42.0394,
26.2604

■ 78.3518, 67.6903,
99.9838

■ 23.8547, 41.2464,
22.8671

■ 79.0310, 67.9619,
103.5603

■ 22.6392, 40.6853,
19.8517

■ 21.8145, 40.3180,
17.1988

Harmonies

Analogous

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



48.6033, 52.9345, 52.1892



47.8731, 52.9345, 55.2711



47.7895, 52.9345, 59.1233

Triad

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



47.8731, 52.9345, 55.2711



50.8291, 52.9345, 65.3041



52.3037, 52.9345, 52.8253

Complementary

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



47.8731, 52.9345, 55.2711



48.4761, 48.4590, 54.9453

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.



52.9231, 52.9345, 56.1751



47.8731, 52.9345, 55.2711



52.0616, 52.9345, 63.4506

Square

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



47.8731, 52.9345, 55.2711



49.4797, 52.9345, 65.0352



52.8337, 52.9345, 60.0688



51.1549, 52.9345, 50.8217

Rectangle

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



47.8731, 52.9345, 55.2711



48.1098, 52.9345, 61.6244



52.8337, 52.9345, 60.0688



52.5817, 52.9345, 53.8248

Sweetspot

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



47.8746, 52.9368, 55.2723



92.7635, 98.8715, 106.5228



49.1307, 53.6694, 51.4866



19.8792, 21.1744, 22.8253



0.0000, 0.0000, 0.0000



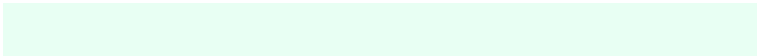
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8746, 52.9368, 55.2723



85.1960, 95.1406, 98.4759



48.6765, 53.2575, 59.4949



10.1356, 11.3353, 11.7174



13.9522, 25.8749, 10.9073



0.6376, 1.1319, 0.6544

Inverse Universe

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



48.4761, 48.4590, 54.9453



86.4843, 85.5508, 97.7756



47.7081, 48.1518, 50.9012



10.2927, 10.1657, 11.6320



16.2950, 8.2078, 9.4655



0.7386, 0.3685, 0.5910

Previews

White Background



This preview shows how the XYZ color 47.8731, 52.9345, 55.2711 looks on a white background.

Color Contrast Check

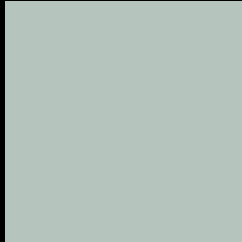
Large Text (above 18pt) WCAG AA × Fail

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 47.8731, 52.9345, 55.2711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

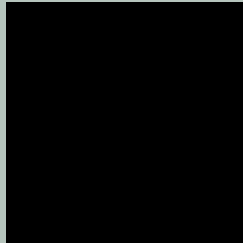
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

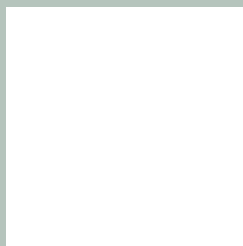
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.8731, 52.9345, 55.2711

Background



This preview shows how black text looks on a background with the XYZ color 47.8731, 52.9345, 55.2711.

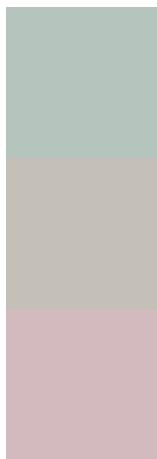


This preview shows how white text looks on a background with the XYZ color 47.8731, 52.9345,

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

47.8731, 52.9345, 55.2711

Protanopia

50.4137, 52.6347, 53.4014

Deuteranopia

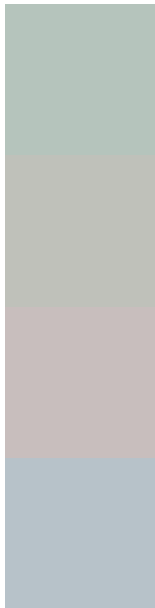
53.7171, 52.6844, 56.0531



Tritanopia

50.2223, 52.8843, 67.2352

Trichromacy



Original Color

47.8731, 52.9345, 55.2711

Protanomaly

49.4187, 52.7615, 54.0337

Deuteranomaly

51.4182, 52.7804, 55.6217

Tritanomaly

49.3628, 52.8679, 62.8612

Monochromacy



Original Color

47.8731, 52.9345, 55.2711

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8577, 52.4224, 56.2587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8731, 52.9345, 55.2711 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(181, 196, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 196, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.8731, 52.9345, 55.2711 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, 188) }
```


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

```
.border{ border-color:rgb(181, 196, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 196, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 196, 188);  
box-shadow:4px 4px 4px 4px rgb(181, 196,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8731, 52.9345, 55.2711 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, 188) }
```

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

```
.background{ background-color: rgb(181,  
196, 188) }
```

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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