

Converting Colors

XYZ(46.5808, 52.5672, 53.8925)

Have a look what the booklet for
XYZ(46.5808, 52.5672, 53.8925)
contains.

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Color

**XYZ(46.7337, 52.7078,
54.1649)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C5BA
RGB	176, 197, 186
RGB Percent	69%, 77%, 73%
CMY	0.3098, 0.2274, 0.2706
CMYK	0.11, 0.00, 0.06, 0.23
HSL	149°, 15%, 73%
HSV	149°, 11%, 77%
XYZ	46.7337, 52.7078, 54.1649
YIQ	189.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

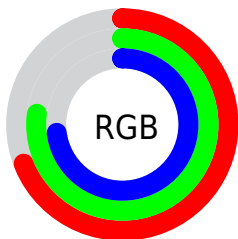
Format	Color
RYB	176, 190, 197
Decimal	11584954
CIELab	77.70, -9.25, 3.08
CIELCh	78, 9.750, 161.556
Yxy	52.7078, 0.3042, 0.3431
Android (android.graphics.Color)	4289775034 (0xFFB0C5BA)
YUV	189.4670, -1.7092, -11.8106
Hunter-Lab	72.6001, -12.1474, 6.5855

Details

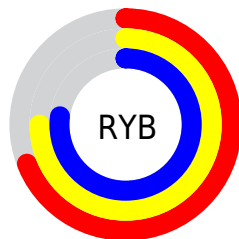
The XYZ color **46.7337, 52.7078, 54.1649** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5229, 46.5102, 53.4888**, and the grayscale version is **48.6517, 51.1853, 55.7408**.

A 20% lighter version of the original color is **84.7475, 94.4502, 97.7684**, and **22.2245, 25.5493, 25.9505** is the 20% darker color. If you saturate the color by 10%, you get **41.5408, 50.1545, 48.4003**, and if you desaturate by 10%, it is **52.6553, 55.6306, 60.3795**.

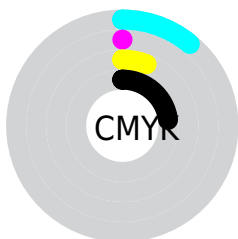
Distribution



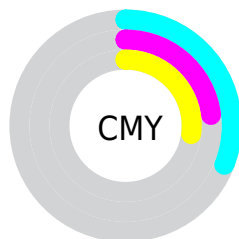
- Red (69%)
- Green (77%)
- Blue (73%)



- Red (69%)
- Yellow (75%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7337, 52.7078, 54.1649 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 46.7337, 52.7078, 54.1649 by changing the saturation by 10% instead.

■ 46.7337, 52.7078,
54.1649

■ 46.7337, 52.7078,
54.1649

364.4173,
397.1631, 419.9309

■ 33.0322, 37.5696,
38.3394

■ 84.5371, 94.1743,
97.7752

■ 22.3105, 25.6488,
25.9424

109.3699,
121.2713, 126.3970

■ 14.2031, 16.5611,
16.5552

138.6437,
153.1233, 160.1215

■ 8.3447, 9.9220,
9.7592

172.7240,
190.1148, 199.3670

■ 4.3700, 5.3473,
5.1361

211.9762,
232.6301, 244.5522

■ 1.9135, 2.4524,
2.2672

256.7655,

■ 0.5847, 0.8527,

281.0537, 296.0955

0.7128

307.4574,
335.7699, 354.4156

■ 0.0000, 0.0000,
0.0000

■ 46.7337, 52.7078,
54.1649

■ 46.7337, 52.7078,
54.1649

■ 41.5408, 50.1545,
48.4003

■ 52.6553, 55.6306,
60.3795

■ 37.0428, 47.9489,
43.0722

■ 59.3287, 58.9301,
67.0504

■ 33.2097, 46.0774,
38.1714

■ 66.7818, 62.6220,
74.1880

■ 30.0075, 44.5226,
33.6868

■ 75.0393, 66.7190,
81.8016

■ 27.3992, 43.2655,
29.6073

■ 76.5818, 67.3443,
89.5470

■ 25.3435, 42.2853,
25.9208

■ 78.1389, 67.9672,
97.7465

■ 23.7937, 41.5578,
22.6147

■ 79.2573, 68.4145,
103.6358

■ 22.6944, 41.0551,
19.6756

■ 21.9786, 40.7391,
17.2474

Harmonies

Analogous

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



47.7288, 52.7078, 49.9604



46.7337, 52.7078, 54.1649



46.6261, 52.7078, 59.4966

Triad

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



46.7337, 52.7078, 54.1649



50.8275, 52.7078, 68.1835



52.8614, 52.7078, 50.7695

Complementary

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



46.7337, 52.7078, 54.1649



47.5229, 46.5102, 53.4888

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.



53.7364, 52.7078, 55.3334



46.7337, 52.7078, 54.1649



52.5426, 52.7078, 65.5215

Square

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



46.7337, 52.7078, 54.1649



48.9581, 52.7078, 67.8217



53.6183, 52.7078, 60.7403



51.2538, 52.7078, 48.0866

Rectangle

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



46.7337, 52.7078, 54.1649



47.0688, 52.7078, 63.0011



53.6183, 52.7078, 60.7403



53.2528, 52.7078, 52.1221

Sweetspot

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



46.7352, 52.7100, 54.1661



91.6527, 98.3224, 105.4080



48.3471, 53.6596, 48.8842



19.4276, 20.9513, 22.3646



0.0000, 0.0000, 0.0000



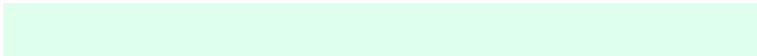
20.3446, 21.4041, 23.3091

Same Dimension

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



46.7352, 52.7100, 54.1661



81.2171, 93.1774, 94.3114



47.8706, 53.1642, 60.1450



10.7042, 11.9706, 12.3926



14.4973, 26.8113, 11.5631



0.7230, 1.2841, 0.7400

Inverse Universe

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



47.5229, 46.5102, 53.4888



82.9334, 79.6677, 92.8355



46.4588, 46.0846, 47.8858



10.8621, 10.7282, 12.2569



16.8047, 8.4715, 9.4475



0.8321, 0.4157, 0.6392

Previews

White Background



This preview shows how the XYZ color 46.7337, 52.7078, 54.1649 looks on a white background.

Color Contrast Check

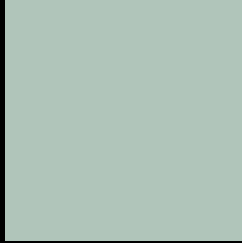
Large Text (above 18pt) WCAG AA × Fail

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 46.7337, 52.7078, 54.1649 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

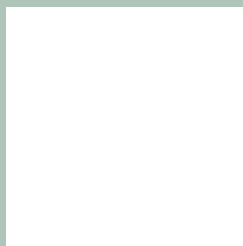
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7337, 52.7078, 54.1649

Background



This preview shows how black text looks on a background with the XYZ color 46.7337, 52.7078, 54.1649.



This preview shows how white text looks on a background with the XYZ color 46.7337, 52.7078,

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

46.7337, 52.7078, 54.1649

Protanopia

50.2040, 52.5508, 52.2970

Deuteranopia

53.2900, 52.1776, 54.8396



Tritanopia

49.6228, 52.8903, 67.9151

Trichromacy



Original Color

46.7337, 52.7078, 54.1649

Protanomaly

48.7080, 52.4194, 52.8982

Deuteranomaly

50.4559, 51.9888, 54.3892

Tritanomaly

48.6481, 52.8310, 62.8917

Monochromacy



Original Color

46.7337, 52.7078, 54.1649

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.6939, 51.5205, 55.0077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7337, 52.7078, 54.1649 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(176, 197, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 197, 186)  
}
```

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(176, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 197, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.7337, 52.7078, 54.1649 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(176, 197, 186) }
```


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

```
.border{ border-color:rgb(176, 197, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 197, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 197, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 197,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7337, 52.7078, 54.1649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 197, 186) }
```

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

```
.background{ background-color: rgb(176,  
197, 186) }
```

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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