

Converting Colors

XYZ(46.5453, 53.0447, 54.1976)

Have a look what the booklet for
XYZ(46.5453, 53.0447, 54.1976)
contains.

XYZ(46.5126, 52.9320, 54.2198)	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(46.5126, 52.9320,
54.2198)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC6BA
RGB	174, 198, 186
RGB Percent	68%, 78%, 73%
CMY	0.3176, 0.2235, 0.2706
CMYK	0.12, 0.00, 0.06, 0.22
HSL	150°, 17%, 73%
HSV	150°, 12%, 78%
XYZ	46.5126, 52.9320, 54.2198
YIQ	189.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

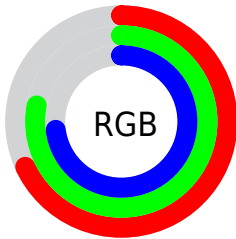
Format	Color
RYB	174, 190, 198
Decimal	11454138
CIELab	77.83, -10.44, 3.26
CIELCh	78, 10.941, 162.666
Yxy	52.9320, 0.3027, 0.3445
Android (android.graphics.Color)	4289644218 (0xFFAEC6BA)
YUV	189.4560, -1.7038, -13.5549
Hunter-Lab	72.7544, -13.2033, 6.7425

Details

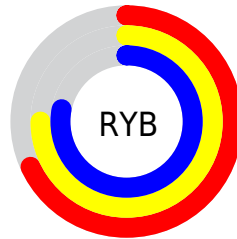
The XYZ color **46.5126, 52.9320, 54.2198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.2896, 45.8245, 52.8095**, and the grayscale version is **48.6459, 51.1793, 55.7343**.

A 20% lighter version of the original color is **84.4201, 94.7538, 97.8443**, and **22.0921, 25.7049, 25.9875** is the 20% darker color. If you saturate the color by 10%, you get **41.4062, 50.4185, 48.6756**, and if you desaturate by 10%, it is **52.3452, 55.8144, 60.1810**.

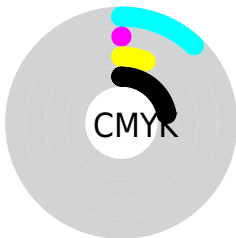
Distribution



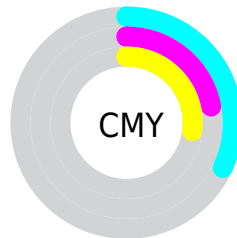
- Red (68%)
- Green (78%)
- Blue (73%)



- Red (68%)
- Yellow (75%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (32%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5126, 52.9320, 54.2198 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 46.5126, 52.9320, 54.2198 by changing the saturation by 10% instead.

■ 46.5126, 52.9320,
54.2198

■ 46.5126, 52.9320,
54.2198

363.5471,
398.0242, 420.1459

■ 32.8568, 37.7485,
38.3830

■ 84.2088, 94.5043,
97.8566

■ 22.1755, 25.7875,
25.9760

108.9800,
121.6619, 126.4936

■ 14.1032, 16.6648,
16.5801

138.1870,
153.5796, 160.2346

■ 8.2747, 9.9958,
9.7768

172.1952,
190.6419, 199.4979

■ 4.3245, 5.3962,
5.1475

211.3699,
233.2331, 244.7021

■ 1.8873, 2.4815,
2.2738

256.0766,

■ 0.5694, 0.8674,

281.7376, 296.2659

0.7165

306.6806,
336.5398, 354.6076

■ 0.0000, 0.0000,
0.0000

■ 46.5126, 52.9320,
54.2198

■ 46.5126, 52.9320,
54.2198

■ 41.4062, 50.4185,
48.6756

■ 52.3452, 55.8144,
60.1810

■ 36.9918, 48.2519,
43.5358

■ 58.9276, 59.0733,
66.5645

■ 33.2388, 46.4183,
38.7923

■ 66.2877, 62.7243,
73.3798

■ 30.1128, 44.9000,
34.4352

■ 74.4508, 66.7804,
80.6353

■ 27.5758, 43.6776,
30.4543

■ 76.5041, 67.6778,
88.0141

■ 25.5858, 42.7297,
26.8389

■ 77.9792, 68.2678,
95.7820

■ 24.0946, 42.0316,
23.5776

■ 79.4851, 68.8701,
103.7117

■ 23.0447, 41.5539,
20.6581

■ 22.4467, 41.2908,
18.5886

Harmonies

Analogous

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



47.5936, 52.9320, 49.4563



46.5126, 52.9320, 54.2198



46.4310, 52.9320, 60.2360

Triad

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



46.5126, 52.9320, 54.2198



51.2108, 52.9320, 69.8118



53.3726, 52.9320, 50.0670

Complementary

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



46.5126, 52.9320, 54.2198



47.2896, 45.8245, 52.8095

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.



54.3999, 52.9320, 55.1079



46.5126, 52.9320, 54.2198



53.1284, 52.9320, 66.6667

Square

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



46.5126, 52.9320, 54.2198



49.1036, 52.9320, 69.5321



54.3092, 52.9320, 61.1885



51.5366, 52.9320, 47.1770

Rectangle

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



46.5126, 52.9320, 54.2198



46.9509, 52.9320, 64.1783



54.3092, 52.9320, 61.1885



53.8262, 52.9320, 51.5503

Sweetspot

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



46.5141, 52.9342, 54.2210



90.5860, 97.7923, 104.4612



48.1830, 53.9359, 47.9164



19.2147, 20.8454, 22.1833



0.0000, 0.0000, 0.0000



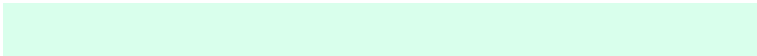
20.3446, 21.4041, 23.3091

Same Dimension

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



46.5141, 52.9342, 54.2210



79.4228, 92.2822, 92.8861



47.7984, 53.4480, 60.9843



10.7149, 11.9748, 12.4489



14.6402, 26.8684, 12.3155



0.7298, 1.2868, 0.7757

Inverse Universe

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



47.2896, 45.8245, 52.8095



81.1110, 76.8059, 89.8136



46.1054, 45.3508, 46.5736



10.8514, 10.7239, 12.2005



16.6534, 8.4109, 8.6509



0.8251, 0.4129, 0.6022

Previews

White Background



This preview shows how the XYZ color 46.5126, 52.9320, 54.2198 looks on a white background.

Color Contrast Check

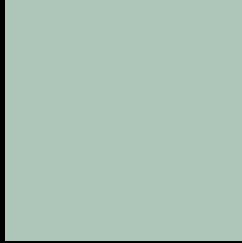
Large Text (above 18pt) WCAG AA × Fail

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 46.5126, 52.9320, 54.2198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

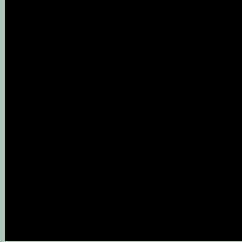
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

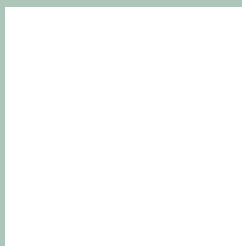
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.5126, 52.9320, 54.2198

Background



This preview shows how black text looks on a background with the XYZ color 46.5126, 52.9320, 54.2198.

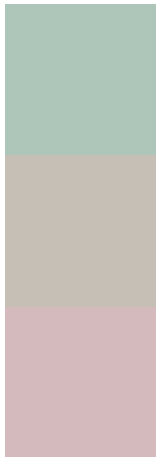


This preview shows how white text looks on a background with the XYZ color 46.5126, 52.9320,

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

46.5126, 52.9320, 54.2198

Protanopia

50.3630, 52.6448, 51.7630

Deuteranopia

53.7874, 52.7457, 54.9230



Tritanopia

49.2847, 52.7017, 68.5476

Trichromacy



Original Color

46.5126, 52.9320, 54.2198

Protanomaly

48.8253, 52.8213, 52.4219

Deuteranomaly

50.6718, 52.4205, 54.4612

Tritanomaly

48.1892, 52.5944, 62.8702

Monochromacy



Original Color

46.5126, 52.9320, 54.2198

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 46.5126, 52.9320, 54.2198 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(174, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(174, 198, 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(174, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 198, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.5126, 52.9320, 54.2198 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(174, 198, 186) }
```


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

```
.border{ border-color:rgb(174, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(174, 198,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5126, 52.9320, 54.2198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 198, 186) }
```

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

```
.background{ background-color: rgb(174,  
198, 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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