

Converting Colors

XYZ(45.5610, 52.3309, 54.7465)

Have a look what the booklet for
XYZ(45.5610, 52.3309, 54.7465)
contains.

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Color

**XYZ(45.5259, 52.4110,
54.7306)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C6BB
RGB	169, 198, 187
RGB Percent	66%, 78%, 73%
CMY	0.3372, 0.2235, 0.2667
CMYK	0.15, 0.00, 0.06, 0.22
HSL	157°, 20%, 72%
HSV	157°, 15%, 78%
XYZ	45.5259, 52.4110, 54.7306
YIQ	188.0750, -13.7530, -9.5690

Conversions

Conversions Part 2

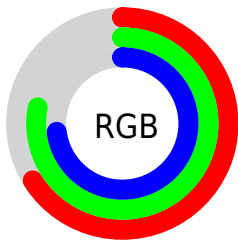
Format	Color
RYB	169, 187, 198
Decimal	11126459
CIELab	77.53, -11.92, 2.23
CIELCh	78, 12.126, 169.398
Yxy	52.4110, 0.2982, 0.3433
Android (android.graphics.Color)	4289316539 (0xFFA9C6BB)
YUV	188.0750, -0.5300, -16.7288
Hunter-Lab	72.3954, -14.4422, 5.8539

Details

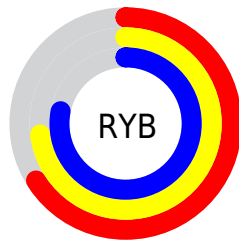
The XYZ color **45.5259, 52.4110, 54.7306** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7167, 43.6783, 49.2035**, and the grayscale version is **47.8523, 50.3443, 54.8249**.

A 20% lighter version of the original color is **82.6781, 93.8384, 98.5490**, and **21.6125, 25.4497, 26.3274** is the 20% darker color. If you saturate the color by 10%, you get **40.8125, 50.0731, 50.4221**, and if you desaturate by 10%, it is **50.9276, 55.1017, 59.2932**.

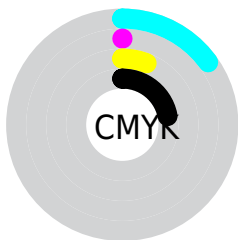
Distribution



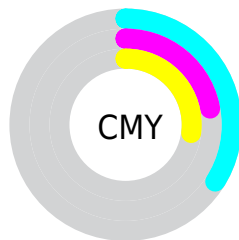
- Red (66%)
- Green (78%)
- Blue (73%)



- Red (66%)
- Yellow (73%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5259, 52.4110, 54.7306 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 45.5259, 52.4110, 54.7306 by changing the saturation by 10% instead.

■ 45.5259, 52.4110,
54.7306

■ 45.5259, 52.4110,
54.7306

359.6473,
396.0212, 422.1430

■ 32.0749, 37.3328,
38.7889

■ 82.7412, 93.7371,
98.6133

■ 21.5745, 25.4653,
26.2890

■ 107.2363,
120.7538, 127.3914

■ 13.6595, 16.4240,
16.8123

136.1434,
152.5187, 161.2855

■ 7.9643, 9.8247,
9.9402

169.8279,
189.4163, 200.7139

■ 4.1237, 5.2829,
5.2542

208.6552,
231.8310, 246.0954

■ 1.7724, 2.4142,
2.3359

252.9906,

■ 0.5009, 0.8332,

280.1471, 297.8484

0.7512

303.1995,
334.7490, 356.3914

■ 0.0000, 0.0000,
0.0000

■ 45.5259, 52.4110,
54.7306

■ 45.5259, 52.4110,
54.7306

■ 40.8125, 50.0731,
50.4221

■ 50.9276, 55.1017,
59.2932

■ 36.7536, 48.0664,
46.3594

■ 57.0408, 58.1529,
64.1108

■ 33.3189, 46.3767,
42.5388


■ 63.8931, 61.5801,
69.1891


■ 30.4740, 44.9865,
38.9552


■ 71.5092, 65.3960,
74.5323


■ 28.1811, 43.8763,
35.6033


■ 74.9657, 67.0623,
79.9130


 26.3976, 43.0242,
32.4774


 76.0107, 67.4803,
85.4160

 25.0746, 42.4051,
29.5715

 77.1014, 67.9166,
91.1594

 24.1526, 41.9884,
26.8789

 78.2382, 68.3713,
97.1459

 23.7632, 41.8173,
25.5211

 79.4217, 68.8448,
103.3784

Harmonies

Analogous

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



46.4794, 52.4110, 49.0915



45.5259, 52.4110, 54.7306



45.6941, 52.4110, 61.4502

Triad

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



45.5259, 52.4110, 54.7306



51.3230, 52.4110, 70.0917



52.7983, 52.4110, 47.8395

Complementary

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



45.5259, 52.4110, 54.7306



45.7167, 43.6783, 49.2035

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.



54.1766, 52.4110, 52.8967



45.5259, 52.4110, 54.7306



53.3066, 52.4110, 65.8619

Square

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



45.5259, 52.4110, 54.7306



48.9926, 52.4110, 70.6794



54.3655, 52.4110, 59.4683



50.6467, 52.4110, 45.3246

Rectangle

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



45.5259, 52.4110, 54.7306



46.4214, 52.4110, 65.6341



54.3655, 52.4110, 59.4683



53.3702, 52.4110, 49.2792

Sweetspot

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



45.5274, 52.4132, 54.7318



90.7796, 97.8698, 105.4808



46.2068, 52.9723, 45.3262



19.2637, 20.8650, 22.4414



0.0000, 0.0000, 0.0000



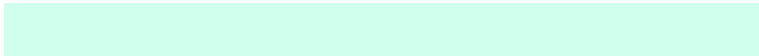
20.3446, 21.4041, 23.3091

Same Dimension

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



45.5274, 52.4132, 54.7318



77.4548, 91.2387, 94.0996



45.9863, 51.3730, 60.9209



10.7695, 11.9967, 12.7365



15.4958, 27.2107, 16.8212



0.7682, 1.3022, 0.9779

Inverse Universe

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



45.7167, 43.6783, 49.2035



77.8630, 72.4292, 82.1976



45.2773, 44.5229, 43.7443



10.7976, 10.7024, 11.9172



16.0124, 8.1545, 5.2750



0.7933, 0.4002, 0.4348

Previews

White Background



This preview shows how the XYZ color 45.5259, 52.4110, 54.7306 looks on a white background.

Color Contrast Check

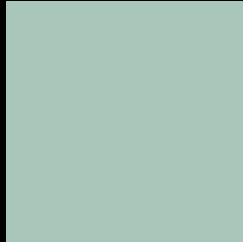
Large Text (above 18pt) WCAG AA × Fail

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 45.5259, 52.4110, 54.7306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

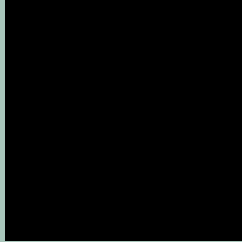
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

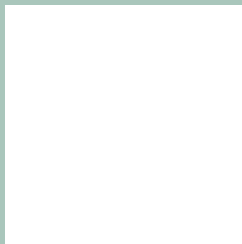
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5259, 52.4110, 54.7306

Background



This preview shows how black text looks on a background with the XYZ color 45.5259, 52.4110, 54.7306.



This preview shows how white text looks on a background with the XYZ color 45.5259, 52.4110,

54.7306.

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

45.5259, 52.4110, 54.7306

Protanopia

49.9867, 52.1161, 52.2246

Deuteranopia

53.2216, 52.1173, 55.9698



Tritanopia

48.3815, 52.5676, 68.5693

Trichromacy



Original Color

45.5259, 52.4110, 54.7306

Protanomaly

48.2152, 52.1654, 52.8751

Deuteranomaly

50.1044, 52.1031, 55.5602

Tritanomaly

47.4139, 52.5148, 63.5145

Monochromacy



Original Color

45.5259, 52.4110, 54.7306

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.9828, 51.1539, 54.9744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5259, 52.4110, 54.7306 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(169, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(169, 198, 187)  
}
```

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(169, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 198, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.5259, 52.4110, 54.7306 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(169, 198, 187) }
```


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

```
.border{ border-color:rgb(169, 198, 187) }
```

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

Here you see how a box with a 4 pixel rgb(169, 198, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(169, 198,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5259, 52.4110, 54.7306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 198, 187) }
```

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

```
.background{ background-color: rgb(169,  
198, 187) }
```

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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