

Converting Colors

XYZ(45.9479, 52.2658, 55.8133)

Have a look what the booklet for
XYZ(45.9479, 52.2658, 55.8133)
contains.

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Color

**XYZ(45.9461, 52.2646,
55.8106)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC5BD
RGB	171, 197, 189
RGB Percent	67%, 77%, 74%
CMY	0.3294, 0.2274, 0.2588
CMYK	0.13, 0.00, 0.04, 0.23
HSL	162°, 18%, 72%
HSV	162°, 13%, 77%
XYZ	45.9461, 52.2646, 55.8106
YIQ	188.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

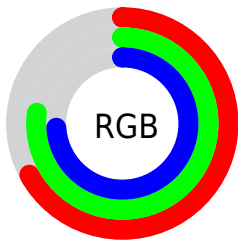
Format	Color
RYB	171, 186, 197
Decimal	11257277
CIELab	77.44, -10.34, 1.04
CIELCh	77, 10.396, 174.250
Yxy	52.2646, 0.2983, 0.3393
Android (android.graphics.Color)	4289447357 (0xFFABC5BD)
YUV	188.3140, 0.3382, -15.1844
Hunter-Lab	72.2943, -13.0706, 4.8346

Details

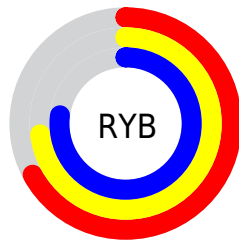
The XYZ color **45.9461, 52.2646, 55.8106** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7274, 44.2520, 48.7814**, and the grayscale version is **47.9831, 50.4819, 54.9748**.

A 20% lighter version of the original color is **83.2873, 93.6449, 100.0718**, and **21.8741, 25.3444, 27.0316** is the 20% darker color. If you saturate the color by 10%, you get **41.3265, 49.9590, 52.2310**, and if you desaturate by 10%, it is **51.2358, 54.9153, 59.5674**.

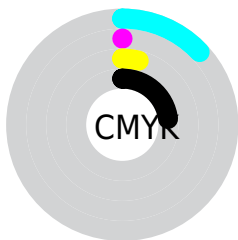
Distribution



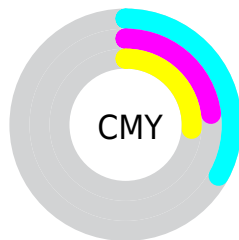
- Red (67%)
- Green (77%)
- Blue (74%)



- Red (67%)
- Yellow (73%)
- Blue (77%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (33%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.9461, 52.2646, 55.8106 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 45.9461, 52.2646, 55.8106 by changing the saturation by 10% instead.

■ 45.9461, 52.2646,
55.8106

■ 45.9461, 52.2646,
55.8106

361.3115,
395.4573, 426.3456

■ 32.4077, 37.2160,
39.6481

■ 83.3667, 93.5214,
100.2106

■ 21.8302, 25.3748,
26.9526

107.9796,
120.4983, 129.2853

■ 13.8481, 16.3565,
17.3055

137.0148,
152.2202, 163.5010

■ 8.0961, 9.7768,
10.2883

170.8375,
189.0714, 203.2764

■ 4.2088, 5.2512,
5.4824

209.8132,
231.4363, 249.0300

■ 1.8209, 2.3954,
2.4694

254.3072,

■ 0.5302, 0.8235,

279.6993, 301.1804

0.8239

304.6848,
334.2449, 360.1461

■ 0.0000, 0.0000,
0.0000

■ 45.9461, 52.2646,
55.8106

■ 45.9461, 52.2646,
55.8106

■ 41.3265, 49.9590,
52.2310

■ 51.2358, 54.9153,
59.5674

■ 37.3440, 47.9773,
48.8220

■ 57.2179, 57.9183,
63.5009

■ 33.9694, 46.3058,
45.5817

■ 63.9192, 61.2889,
67.6150

■ 31.1695, 44.9276,
42.5066

■ 71.3636, 65.0392,
71.9126

■ 28.9079, 43.8238,
39.5933

■ 74.0353, 66.3258,
76.1372

■ 27.1435, 42.9734,
36.8378

■ 74.8499, 66.6516,
80.4267

■ 25.8295, 42.3523,
34.2362

■ 75.6939, 66.9892,
84.8710

■ 24.9095, 41.9313,
31.7838

■ 76.5675, 67.3387,
89.4718

■ 24.4377, 41.7227,
30.1970

■ 77.4712, 67.7001,
94.2304

Harmonies

Analogous

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



46.6191, 52.2646, 50.7104



45.9461, 52.2646, 55.8106



46.2506, 52.2646, 61.5529

Triad

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



45.9461, 52.2646, 55.8106



51.2726, 52.2646, 67.5543



51.9574, 52.2646, 48.4267

Complementary

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



45.9461, 52.2646, 55.8106



45.7274, 44.2520, 48.7814

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.



53.2664, 52.2646, 52.5015



45.9461, 52.2646, 55.8106



52.8636, 52.2646, 63.5894

Square

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



45.9461, 52.2646, 55.8106



49.2915, 52.2646, 68.5871



53.6024, 52.2646, 58.0182



50.0623, 52.2646, 46.6349

Rectangle

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



45.9461, 52.2646, 55.8106



46.9712, 52.2646, 64.9457



53.6024, 52.2646, 58.0182



52.4826, 52.2646, 49.5610

Sweetspot

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



45.9476, 52.2668, 55.8118



90.8951, 97.9160, 106.0888



45.9630, 52.4867, 46.2371



19.2929, 20.8767, 22.5955



0.0000, 0.0000, 0.0000



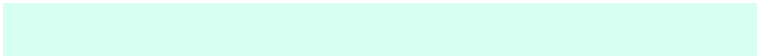
20.3446, 21.4041, 23.3091

Same Dimension

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



45.9476, 52.2668, 55.8118



79.6436, 92.2837, 97.9686



45.7752, 50.4930, 60.1595



10.8023, 12.0098, 12.9093



16.1118, 27.4571, 20.0651



0.7942, 1.3126, 1.1150

Inverse Universe

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



45.7274, 44.2520, 48.7814



79.1688, 74.9871, 82.7986



45.8579, 45.7712, 44.9464



10.7660, 10.6898, 11.7513



15.7259, 8.0399, 3.7665



0.7775, 0.3938, 0.3513

Previews

White Background



This preview shows how the XYZ color 45.9461, 52.2646, 55.8106 looks on a white background.

Color Contrast Check

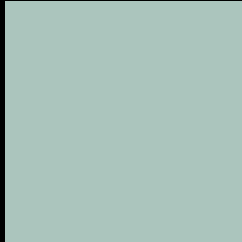
Large Text (above 18pt) WCAG AA × Fail

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 45.9461, 52.2646, 55.8106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

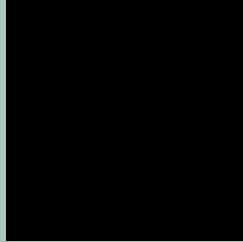
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9461, 52.2646, 55.8106

Background



This preview shows how black text looks on a background with the XYZ color 45.9461, 52.2646, 55.8106.



This preview shows how white text looks on a background with the XYZ color 45.9461, 52.2646,

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

45.9461, 52.2646, 55.8106

Protanopia

49.9354, 52.0655, 53.3167

Deuteranopia

53.0474, 52.0148, 56.5342



Tritanopia

48.4796, 52.3010, 67.8616

Trichromacy



Original Color

45.9461, 52.2646, 55.8106

Protanomaly

48.4264, 52.2499, 53.9873

Deuteranomaly

49.9975, 51.7150, 56.0620

Tritanomaly

47.6313, 52.2932, 63.4603

Monochromacy



Original Color

45.9461, 52.2646, 55.8106

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.9993, 50.8375, 54.9124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9461, 52.2646, 55.8106 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(171, 197, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 197, 189)  
}
```

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(171, 197, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 197, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.9461, 52.2646, 55.8106 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(171, 197, 189) }
```


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

```
.border{ border-color:rgb(171, 197, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 197, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 197, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 197, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 197,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9461, 52.2646, 55.8106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 197, 189) }
```

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

```
.background{ background-color: rgb(171,  
197, 189) }
```

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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