

Converting Colors

XYZ(45.5351, 52.0445, 63.4792)

Have a look what the booklet for
XYZ(45.5351, 52.0445, 63.4792)
contains.

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Color

**XYZ(45.5272, 51.8782,
63.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C5CA
RGB	162, 197, 202
RGB Percent	64%, 77%, 79%
CMY	0.3647, 0.2274, 0.2078
CMYK	0.20, 0.02, 0.00, 0.21
HSL	187°, 27%, 71%
HSV	187°, 20%, 79%
XYZ	45.5272, 51.8782, 63.4911
YIQ	187.1050, -22.4650, -5.8650

Conversions

Conversions Part 2

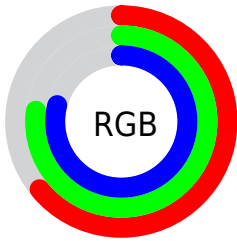
Format	Color
RYB	162, 181, 202
Decimal	10667466
CIELab	77.21, -10.54, -6.39
CIELCh	77, 12.327, 211.198
Yxy	51.8782, 0.2830, 0.3224
Android (android.graphics.Color)	4288857546 (0xFFA2C5CA)
YUV	187.1050, 7.3432, -22.0171
Hunter-Lab	72.0265, -13.2185, -1.8453

Details

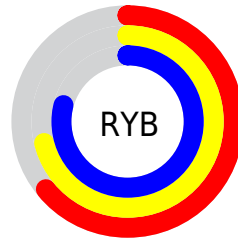
The XYZ color **45.5272, 51.8782, 63.4911** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.6978, 42.8026, 40.0892**, and the grayscale version is **47.2635, 49.7249, 54.1504**.

A 20% lighter version of the original color is **82.1071, 92.8553, 108.2031**, and **21.5982, 25.0980, 31.7230** is the 20% darker color. If you saturate the color by 10%, you get **41.1811, 48.7954, 63.1260**, and if you desaturate by 10%, it is **50.5451, 55.3242, 63.8926**.

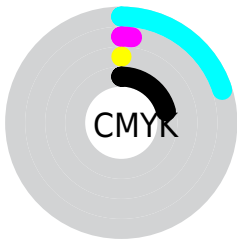
Distribution



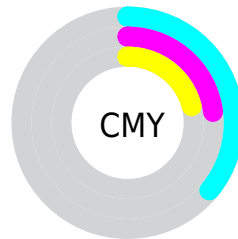
- Red (64%)
- Green (77%)
- Blue (79%)



- Red (64%)
- Yellow (71%)
- Blue (79%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (36%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5272, 51.8782, 63.4911 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 45.5272, 51.8782, 63.4911 by changing the saturation by 10% instead.

■ 45.5272, 51.8782,
63.4911

■ 45.5272, 51.8782,
63.4911

359.6524,
393.9662, 455.5065

■ 32.0759, 36.9080,
45.7951

■ 82.7432, 92.9516,
111.4701

■ 21.5753, 25.1363,
31.7366

■ 107.2386,
119.8236, 142.5902

■ 13.6600, 16.1786,
20.8973

136.1461,
151.4316, 179.0220

■ 7.9647, 9.6506,
12.8584

169.8310,
188.1600, 221.1842

■ 4.1240, 5.1679,
7.2015

208.6588,
230.3933, 269.4951

■ 1.7725, 2.3461,
3.5081

252.9947,

■ 0.5010, 0.7980,

278.5159, 324.3735

1.3596

303.2041,
332.9120, 386.2378

■ 0.0000, 0.0000,
0.1099

■ 0.0000, 0.0000,
0.0000

■ 45.5272, 51.8782,
63.4911

■ 45.5272, 51.8782,
63.4911

■ 41.1811, 48.7954,
63.1260

■ 50.5451, 55.3242,
63.8926

■ 37.4708, 46.0532,
62.7922

■ 56.2595, 59.1423,
64.3284

■ 34.3637, 43.6362,
62.4894

■ 62.6997, 63.3488,
64.8009

■ 31.8226, 41.5249,
62.2159

■ 69.8916, 67.9574,
65.3114

■ 29.8062, 39.6980,
61.9695

■ 74.8543, 71.4313,
65.7204

■ 28.2671, 38.1312,
61.7482

■ 75.4808, 72.6843,
65.9292

■ 27.1498, 36.7956,
61.5493

■ 76.1172, 73.9571,
66.1413

■ 26.3515, 35.6382,
61.3680

■ 76.7635, 75.2498,
66.3568

■ 26.3366, 35.6159,
61.3645

■ 77.4198, 76.5623,
66.5755

Harmonies

Analogous

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



44.9086, 51.8782, 56.7588



45.5272, 51.8782, 63.4911



47.1541, 51.8782, 68.6603

Triad

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



45.5272, 51.8782, 63.4911



53.3940, 51.8782, 62.9836



49.2138, 51.8782, 44.4616

Complementary

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



45.5272, 51.8782, 63.4911



44.6978, 42.8026, 40.0892

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.



51.5279, 51.8782, 45.8442



45.5272, 51.8782, 63.4911



53.9872, 51.8782, 56.2152

Square

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



45.5272, 51.8782, 63.4911



51.6974, 51.8782, 68.3512



53.2939, 51.8782, 50.0171



46.9947, 51.8782, 46.0810

Rectangle

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



45.5272, 51.8782, 63.4911



48.6174, 51.8782, 70.3309



53.2939, 51.8782, 50.0171



50.0065, 51.8782, 44.5898

Sweetspot

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



45.5287, 51.8803, 63.4923



89.0367, 95.9993, 108.4447



42.9660, 52.7011, 44.3065



18.9232, 20.4577, 23.2013



0.0000, 0.0000, 0.0000



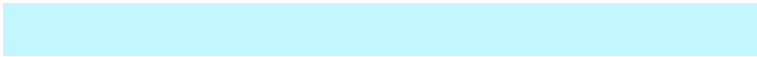
20.3446, 21.4041, 23.3091

Same Dimension

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



45.5287, 51.8803, 63.4923



73.6160, 85.4012, 107.2119



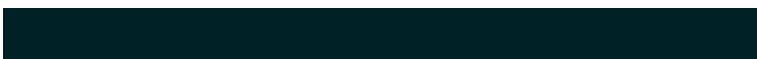
41.3499, 43.5227, 62.0993



11.4190, 12.4785, 14.3771



16.9919, 23.0078, 39.5017



0.9109, 1.2556, 2.0493

Inverse Universe

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



47.3567, 42.4295, 58.5196



77.3305, 66.4919, 97.0410



48.5793, 50.5655, 41.3830



11.6249, 11.3787, 13.8252



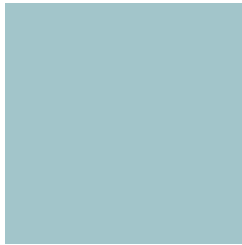
20.7876, 10.1256, 27.6641



1.0897, 0.5293, 1.5184

Previews

White Background



This preview shows how the XYZ color 45.5272, 51.8782, 63.4911 looks on a white background.

Color Contrast Check

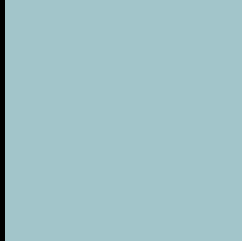
Large Text (above 18pt) WCAG AA × Fail

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 45.5272, 51.8782, 63.4911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

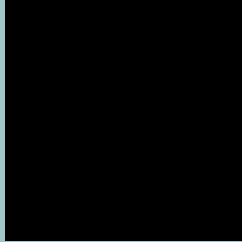
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5272, 51.8782, 63.4911

Background



This preview shows how black text looks on a background with the XYZ color 45.5272, 51.8782, 63.4911.



This preview shows how white text looks on a background with the XYZ color 45.5272, 51.8782,

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

45.5272, 51.8782, 63.4911

Protanopia

50.0139, 51.6329, 60.1535

Deuteranopia

52.7255, 51.6623, 64.9505



Tritanopia

46.8076, 52.0755, 69.2126

Trichromacy



Original Color

45.5272, 51.8782, 63.4911

Protanomaly

48.2145, 51.6466, 61.4604

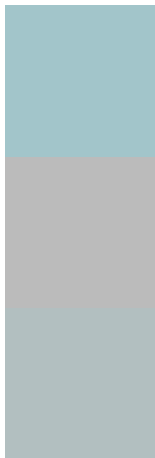
Deuteranomaly

49.5902, 51.3196, 64.4187

Tritanomaly

46.2294, 51.8205, 67.2403

Monochromacy



Original Color

45.5272, 51.8782, 63.4911

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.5053, 50.5324, 57.1718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5272, 51.8782, 63.4911 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(162, 197, 202)` looks like.

```
.text, #text, p{  
    color:rgb(162, 197, 202)  
}
```

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(162, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 197, 202) }
```

Border

The CSS property to change the border of an element to XYZ 45.5272, 51.8782, 63.4911 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(162, 197, 202) }
```


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

```
.border{ border-color:rgb(162, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(162, 197,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5272, 51.8782, 63.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 197, 202) }
```

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

```
.background{ background-color: rgb(162,  
197, 202) }
```

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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