

Converting Colors

XYZ(42.4494, 53.5370, 58.5644)

Have a look what the booklet for
XYZ(42.4494, 53.5370, 58.5644)
contains.

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Color

**XYZ(42.5122, 53.5683,
58.5512)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCEC1
RGB	140, 206, 193
RGB Percent	55%, 81%, 76%
CMY	0.4510, 0.1921, 0.2431
CMYK	0.32, 0.00, 0.06, 0.19
HSL	168°, 40%, 68%
HSV	168°, 32%, 81%
XYZ	42.5122, 53.5683, 58.5512
YIQ	184.7840, -35.1630, -18.0350

Conversions

Conversions Part 2

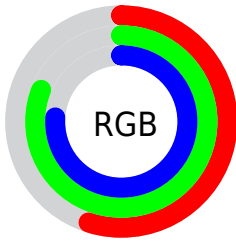
Format	Color
RYB	140, 177, 206
Decimal	9227969
CIELab	78.21, -23.69, -0.21
CIELCh	78, 23.696, 180.503
Yxy	53.5683, 0.2749, 0.3464
Android (android.graphics.Color)	4287418049 (0xFF8CCEC1)
YUV	184.7840, 4.0505, -39.2756
Hunter-Lab	73.1904, -24.4025, 3.8021

Details

The XYZ color **42.5122, 53.5683, 58.5512** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5833, 34.1794, 34.5975**, and the grayscale version is **45.9875, 48.3825, 52.6885**.

A 20% lighter version of the original color is **75.3646, 89.9617, 103.0147**, and **19.7307, 26.0529, 28.7997** is the 20% darker color. If you saturate the color by 10%, you get **38.9145, 51.7666, 56.0528**, and if you desaturate by 10%, it is **46.7752, 55.7143, 61.1479**.

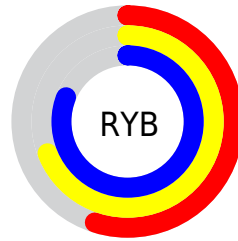
Distribution



Red (55%)

Green (81%)

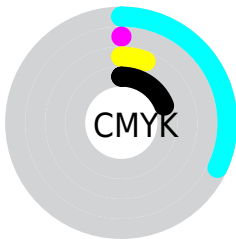
Blue (76%)



Red (55%)

Yellow (69%)

Blue (81%)

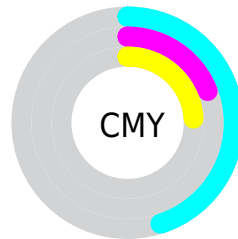


Cyan (32%)

Magenta (0%)

Yellow (6%)

Black (19%)



Cyan (45%)

Magenta (19%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5122, 53.5683, 58.5512 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 42.5122, 53.5683, 58.5512 by changing the saturation by 10% instead.

■ 42.5122, 53.5683,
58.5512

■ 42.5122, 53.5683,
58.5512

347.5574,
400.4617, 436.8922

■ 29.6954, 38.2566,
41.8343

■ 78.2345, 95.4401,
104.2478

■ 19.7544, 26.1819,
28.6470

■ 101.8708,
122.7690, 134.0646

■ 12.3239, 16.9598,
18.5706

■ 129.8443,
154.8725, 169.0851

■ 7.0384, 10.2058,
11.1868

162.5204,
192.1349, 209.7278

■ 3.5327, 5.5356,
6.0769

200.2644,
234.9406, 256.4114

■ 1.4413, 2.5648,
2.8223

243.4416,

■ 0.2854, 0.9090,

283.6740, 309.5543

1.0046

292.4175,
338.7196, 369.5750

■ 0.0000, 0.0000,
0.0000

■ 42.5122, 53.5683,
58.5512

■ 42.5122, 53.5683,
58.5512

■ 38.9145, 51.7666,
56.0528

■ 46.7752, 55.7143,
61.1479

■ 35.9410, 50.2839,
53.6468

■ 51.7326, 58.2154,
63.8413

■ 33.5534, 49.1018,
51.3320

■ 57.4171, 61.0900,
66.6347

■ 31.7068, 48.1972,
49.1059

■ 63.8581, 64.3531,
69.5298

■ 30.3500, 47.5437,
46.9655

■ 71.0835, 68.0190,
72.5284

■ 29.4216, 47.1097,
44.9074

■ 75.8824, 70.4325,
75.4809

■ 28.9021, 46.8764,
43.3233

■ 76.4180, 70.6468,
78.3016

■ 76.9668, 70.8663,
81.1912

■ 77.5287, 71.0910,
84.1502

Harmonies

Analogous

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



43.5446, 53.5683, 46.6392



42.5122, 53.5683, 58.5512



43.6151, 53.5683, 72.2668

Triad

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



42.5122, 53.5683, 58.5512



55.5746, 53.5683, 83.2008



55.4310, 53.5683, 38.8105

Complementary

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



42.5122, 53.5683, 58.5512



40.5833, 34.1794, 34.5975

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.



58.9872, 53.5683, 46.3056



42.5122, 53.5683, 58.5512



59.0736, 53.5683, 71.8199

Square

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



42.5122, 53.5683, 58.5512



50.9934, 53.5683, 87.7571



60.3581, 53.5683, 58.1029



50.8368, 53.5683, 36.3437

Rectangle

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



42.5122, 53.5683, 58.5512



45.4538, 53.5683, 80.3253



60.3581, 53.5683, 58.1029



56.7972, 53.5683, 40.7631

Sweetspot

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



42.5137, 53.5705, 58.5524



85.4845, 95.1610, 104.2856



39.9813, 52.8301, 32.9020



18.0306, 20.2337, 22.1855



0.0000, 0.0000, 0.0000



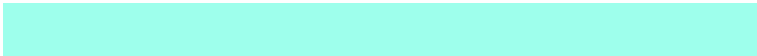
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5137, 53.5705, 58.5524



65.0076, 84.8502, 92.2403



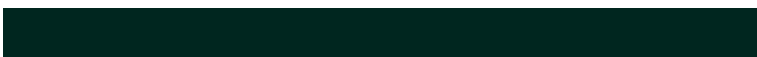
39.5585, 45.2357, 65.0414



11.4448, 12.6877, 13.9000



17.8312, 28.8778, 26.8597



0.9447, 1.4997, 1.5164

Inverse Universe

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



40.5833, 34.1794, 34.5975



61.4386, 48.9297, 47.9002



42.7252, 40.0893, 30.2982



11.3012, 11.2492, 12.1206



15.9432, 8.1879, 2.1536



0.8499, 0.4334, 0.2552

Previews

White Background



This preview shows how the XYZ color 42.5122, 53.5683, 58.5512 looks on a white background.

Color Contrast Check

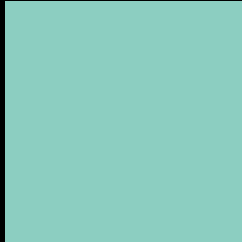
Large Text (above 18pt) WCAG AA × Fail

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 42.5122, 53.5683, 58.5512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

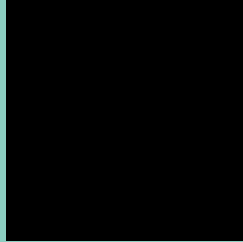
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5122, 53.5683, 58.5512

Background



This preview shows how black text looks on a background with the XYZ color 42.5122, 53.5683, 58.5512.



This preview shows how white text looks on a background with the XYZ color 42.5122, 53.5683,

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

42.5122, 53.5683, 58.5512

Protanopia

50.8953, 53.2078, 53.4866

Deuteranopia

54.1429, 53.1272, 60.2243



Tritanopia

45.6295, 53.4140, 74.2347

Trichromacy



Original Color

42.5122, 53.5683, 58.5512

Protanomaly

47.1748, 52.9105, 55.3033

Deuteranomaly

49.0228, 52.7594, 59.8244

Tritanomaly

44.3662, 53.2446, 68.2605

Monochromacy



Original Color

42.5122, 53.5683, 58.5512

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.5093, 50.2058, 54.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5122, 53.5683, 58.5512 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(140, 206, 193)` looks like.

```
.text, #text, p{  
    color:rgb(140, 206, 193)  
}
```

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(140, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 206, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.5122, 53.5683, 58.5512 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(140, 206, 193) }
```


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

```
.border{ border-color:rgb(140, 206, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 206, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(140, 206,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5122, 53.5683, 58.5512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 206, 193) }
```

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

```
.background{ background-color: rgb(140,  
206, 193) }
```

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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