

Converting Colors

XYZ(45.1343, 53.7774, 57.1142)

Have a look what the booklet for
XYZ(45.1343, 53.7774, 57.1142)
contains.

XYZ(45.2571, 53.9470, 57.3177)	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(45.2571, 53.9470,
57.3177)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CBBF
RGB	160, 203, 191
RGB Percent	63%, 80%, 75%
CMY	0.3725, 0.2039, 0.2510
CMYK	0.21, 0.00, 0.06, 0.20
HSL	163°, 29%, 71%
HSV	163°, 21%, 80%
XYZ	45.2571, 53.9470, 57.3177
YIQ	188.7750, -21.7760, -12.8480

Conversions

Conversions Part 2

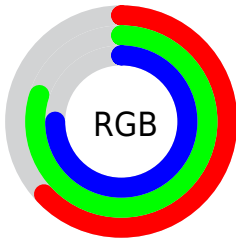
Format	Color
R _Y B	160, 185, 203
Decimal	10537919
CIE Lab	78.43, -16.59, 1.32
CIE LCh	78, 16.644, 175.437
Yxy	53.9470, 0.2891, 0.3447
Android (android.graphics.Color)	4288727999 (0xFFA0CBBF)
YUV	188.7750, 1.0969, -25.2357
Hunter-Lab	73.4486, -18.5481, 5.1454

Details

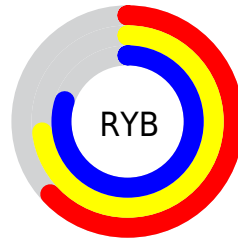
The XYZ color **45.2571, 53.9470, 57.3177** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.6477, 40.8181, 44.5575**, and the grayscale version is **48.2453, 50.7578, 55.2752**.

A 20% lighter version of the original color is **80.5728, 92.6825, 101.6386**, and **21.5192, 26.5180, 28.0291** is the 20% darker color. If you saturate the color by 10%, you get **40.9143, 51.7803, 53.9229**, and if you desaturate by 10%, it is **50.2898, 56.4694, 60.8730**.

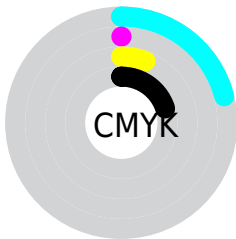
Distribution



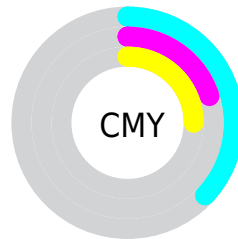
- Red (63%)
- Green (80%)
- Blue (75%)



- Red (63%)
- Yellow (73%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (37%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2571, 53.9470, 57.3177 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 45.2571, 53.9470, 57.3177 by changing the saturation by 10% instead.


 45.2571, 53.9470,
57.3177


 45.2571, 53.9470,
57.3177


358.5800,
401.9079, 432.1657

 31.8621, 38.5593,
40.8493


 82.3408, 95.9964,
102.4335

 21.4112, 26.4171,
27.8825


 106.7602,
123.4269, 131.9181

 13.5391, 17.1359,
17.9989


135.5851,
155.6405, 166.5784

 7.8804, 10.3314,
10.7797

169.1809,
193.0215, 206.8330

 4.0697, 5.6193,
5.8066

207.9130,
235.9543, 253.1006

 1.7416, 2.6150,
2.6610

252.1466,

 0.4821, 0.9342,

284.8234, 305.7995

0.9237

302.2472,
340.0131, 365.3484

■ 0.0000, 0.0000,
0.0000

■ 45.2571, 53.9470,
57.3177

■ 45.2571, 53.9470,
57.3177

■ 40.9143, 51.7803,
53.9229

■ 50.2898, 56.4694,
60.8730

■ 37.2244, 49.9460,
50.6821

■ 56.0379, 59.3564,
64.5880

■ 34.1538, 48.4282,
47.5934

■ 62.5314, 62.6248,
68.4666

■ 31.6641, 47.2072,
44.6535

■ 69.7971, 66.2884,
72.5113

■ 29.7124, 46.2609,
41.8590

■ 75.4269, 69.1058,
76.6108

■ 28.2498, 45.5641,
39.2061

■ 76.1873, 69.4100,
80.6151

■ 27.2179, 45.0868,
36.6904

■ 76.9734, 69.7244,
84.7545

■ 26.5719, 44.7998,
34.5806

■ 77.7854, 70.0492,
89.0303

■ 78.6235, 70.3844,
93.4438

Harmonies

Analogous

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



46.2677, 53.9470, 49.1009



45.2571, 53.9470, 57.3177



45.8020, 53.9470, 66.8212

Triad

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



45.2571, 53.9470, 57.3177



54.0244, 53.9470, 76.5546



54.9268, 53.9470, 45.1183

Complementary

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



45.2571, 53.9470, 57.3177



44.6477, 40.8181, 44.5575

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.



57.1675, 53.9470, 51.3365



45.2571, 53.9470, 57.3177



56.6312, 53.9470, 69.5627

Square

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



45.2571, 53.9470, 57.3177



50.7763, 53.9470, 78.5879



57.8040, 53.9470, 60.1838



51.7770, 53.9470, 42.5500

Rectangle

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



45.2571, 53.9470, 57.3177



46.9868, 53.9470, 72.5312



57.8040, 53.9470, 60.1838



55.8164, 53.9470, 46.8166

Sweetspot

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



45.2586, 53.9492, 57.3189



88.9634, 96.9408, 105.0660



44.7563, 54.0436, 41.3312



18.9059, 20.6811, 22.4004



0.0000, 0.0000, 0.0000



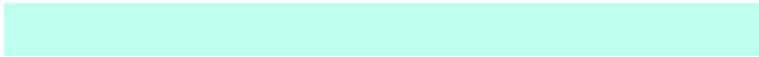
20.3446, 21.4041, 23.3091

Same Dimension

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



45.2586, 53.9492, 57.3189



72.6250, 88.7553, 93.5826



44.4998, 50.2301, 63.8525



11.4045, 12.6715, 13.6875



16.9499, 28.5253, 22.2189



0.9057, 1.4841, 1.3108

Inverse Universe

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



44.6477, 40.8181, 44.5575



71.4394, 63.2364, 68.7906



45.2225, 43.7300, 39.3159



11.3389, 11.2643, 12.3191



16.1719, 8.2793, 3.3578



0.8671, 0.4403, 0.3461

Previews

White Background



This preview shows how the XYZ color 45.2571, 53.9470, 57.3177 looks on a white background.

Color Contrast Check

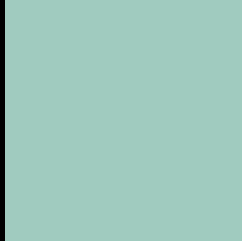
Large Text (above 18pt) WCAG AA × Fail

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 45.2571, 53.9470, 57.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

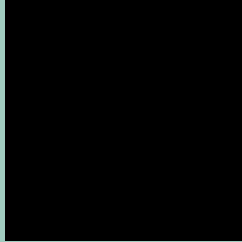
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2571, 53.9470, 57.3177

Background



This preview shows how black text looks on a background with the XYZ color 45.2571, 53.9470, 57.3177.

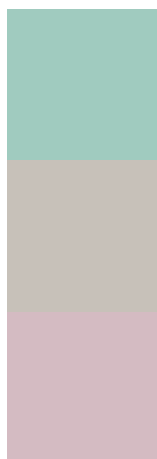


This preview shows how white text looks on a background with the XYZ color 45.2571, 53.9470,

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

45.2571, 53.9470, 57.3177

Protanopia

51.3801, 53.7848, 53.5724

Deuteranopia

54.6593, 53.4327, 58.4716



Tritanopia

48.2062, 53.7525, 72.1245

Trichromacy



Original Color

45.2571, 53.9470, 57.3177

Protanomaly

48.9435, 53.8346, 54.8252

Deuteranomaly

50.6879, 53.3276, 58.0738

Tritanomaly

46.8991, 53.5513, 66.2571

Monochromacy



Original Color

45.2571, 53.9470, 57.3177

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.9461, 51.7663, 56.2328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2571, 53.9470, 57.3177 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(160, 203, 191)` looks like.

```
.text, #text, p{  
    color:rgb(160, 203, 191)  
}
```

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(160, 203, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 203, 191) }
```

Border

The CSS property to change the border of an element to XYZ 45.2571, 53.9470, 57.3177 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(160, 203, 191) }
```


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

```
.border{ border-color:rgb(160, 203, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 203, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 203, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 203, 191); box-shadow:4px 4px 4px 4px rgb(160, 203, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2571, 53.9470, 57.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 203, 191) }
```

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

```
.background{ background-color: rgb(160,  
203, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor