

Converting Colors

XYZ(39.8124, 51.5317, 57.2161)

Have a look what the booklet for
XYZ(39.8124, 51.5317, 57.2161)
contains.

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Color

**XYZ(39.7492, 51.4593,
57.1279)**

Conversions

Conversions Part 1

Format	Color
Hex	7FCCBF
RGB	127, 204, 191
RGB Percent	50%, 80%, 75%
CMY	0.5020, 0.2000, 0.2510
CMYK	0.38, 0.00, 0.06, 0.20
HSL	170°, 43%, 65%
HSV	170°, 38%, 80%
XYZ	39.7492, 51.4593, 57.1279
YIQ	179.4950, -41.7190, -20.3670

Conversions

Conversions Part 2

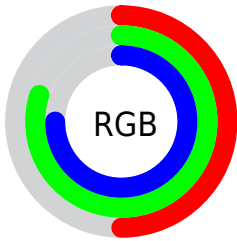
Format	Color
RYB	127, 169, 204
Decimal	8375487
CIELab	76.96, -26.76, -1.04
CIElCh	77, 26.785, 182.224
Yxy	51.4593, 0.2680, 0.3469
Android (android.graphics.Color)	4286565567 (0xFF7FCCBF)
YUV	179.4950, 5.6720, -46.0381
Hunter-Lab	71.7351, -26.6277, 2.9977

Details

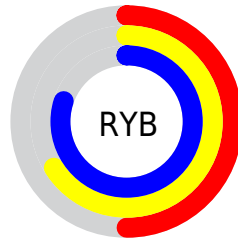
The XYZ color **39.7492, 51.4593, 57.1279** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.2265, 29.9109, 28.6241**, and the grayscale version is **43.0997, 45.3442, 49.3799**.

A 20% lighter version of the original color is **72.0769, 88.3027, 101.2410**, and **18.0825, 24.7463, 27.8682** is the 20% darker color. If you saturate the color by 10%, you get **36.6388, 49.9004, 55.0276**, and if you desaturate by 10%, it is **43.4866, 53.3430, 59.3064**.

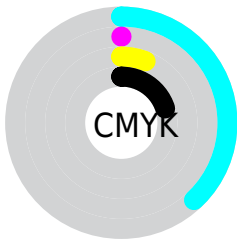
Distribution



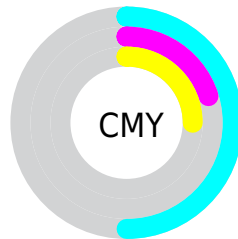
- Red (50%)
- Green (80%)
- Blue (75%)



- Red (50%)
- Yellow (66%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (50%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7492, 51.4593, 57.1279 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 39.7492, 51.4593, 57.1279 by changing the saturation by 10% instead.


 39.7492, 51.4593,
57.1279


 39.7492, 51.4593,
57.1279


336.2179,
392.3456, 431.4356


 27.5264, 36.5743,
40.6979


 74.0682, 92.3333,
102.1540

 18.1076, 24.8780,
27.7652


 96.8952, 119.0911,
131.5871

 11.1274, 15.9862,
17.9112


 123.9875,
150.5753, 166.1917

 6.2205, 9.5144,
10.7175

155.7106,
187.1702, 206.3863

 3.0216, 5.0782,
5.7654

192.4299,
229.2604, 252.5895

 1.1652, 2.2932,
2.6365

234.5106,

 0.0786, 0.7701,

277.2300, 305.2197

0.9112

282.3182,
331.4637, 364.6955

■ 0.0000, 0.0000,
0.0000

■ 39.7492, 51.4593,
57.1279

■ 39.7492, 51.4593,
57.1279

■ 36.6388, 49.9004,
55.0276

■ 43.4866, 53.3430,
59.3064

■ 34.1136, 48.6409,
52.9997

■ 47.8808, 55.5629,
61.5613

■ 32.1336, 47.6614,
51.0433


■ 52.9652, 58.1376,
63.8958


■ 30.6517, 46.9377,
49.1558


■ 58.7693, 61.0823,
66.3114


■ 29.6130, 46.4415,
47.3343


■ 65.3212, 64.4114,
68.8097


 28.9386, 46.1321,
45.5749

 72.6472, 68.1385,
71.3924

 28.8075, 46.0730,
45.1852

 75.1142, 69.3597,
73.7961

 75.5620, 69.5388,
76.1539

 76.0191, 69.7216,
78.5611

Harmonies

Analogous

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



40.7350, 51.4593, 43.9325



39.7492, 51.4593, 57.1279



41.0730, 51.4593, 72.3846

Triad

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



39.7492, 51.4593, 57.1279



54.3296, 51.4593, 83.3133



53.6254, 51.4593, 34.6694

Complementary

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



39.7492, 51.4593, 57.1279



37.2265, 29.9109, 28.6241

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.



57.6866, 51.4593, 42.3461



39.7492, 51.4593, 57.1279



58.1126, 51.4593, 70.1675

Square

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



39.7492, 51.4593, 57.1279



49.2922, 51.4593, 89.0497



59.3813, 51.4593, 54.9471



48.5308, 51.4593, 32.3865

Rectangle

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



39.7492, 51.4593, 57.1279



43.1446, 51.4593, 81.2969



59.3813, 51.4593, 54.9471



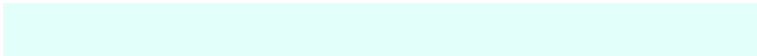
55.1685, 51.4593, 36.6301

Sweetspot

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



39.7507, 51.4614, 57.1291



84.7195, 94.7614, 104.4849



36.4295, 50.3931, 27.8864



17.8828, 20.1559, 22.2501



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.



39.7507, 51.4614, 57.1291



61.7031, 83.1515, 91.8683



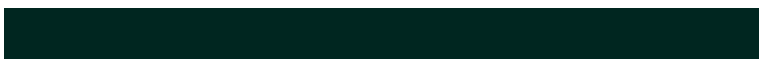
35.8970, 41.3613, 63.2206



11.4588, 12.6933, 13.9733



18.1611, 29.0097, 28.5968



0.9590, 1.5054, 1.5917

Inverse Universe

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



37.2265, 29.9109, 28.6241



56.9672, 42.6143, 38.3094



39.8627, 36.6280, 25.0485



11.2883, 11.2441, 12.0530



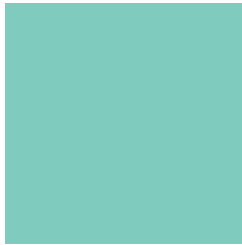
15.8830, 8.1638, 1.8365



0.8440, 0.4310, 0.2242

Previews

White Background



This preview shows how the XYZ color 39.7492, 51.4593, 57.1279 looks on a white background.

Color Contrast Check

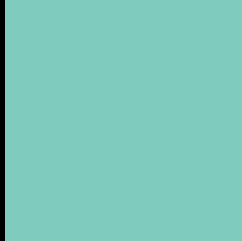
Large Text (above 18pt) WCAG AA × Fail

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 39.7492, 51.4593, 57.1279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

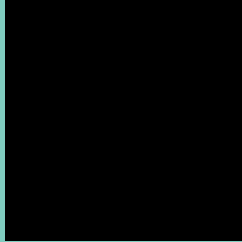
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7492, 51.4593, 57.1279

Background



This preview shows how black text looks on a background with the XYZ color 39.7492, 51.4593, 57.1279.



This preview shows how white text looks on a background with the XYZ color 39.7492, 51.4593,

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

39.7492, 51.4593, 57.1279

Protanopia

48.6749, 50.8132, 51.4985

Deuteranopia

51.6857, 50.6445, 58.6810



Tritanopia

42.7218, 51.2530, 72.6069

Trichromacy



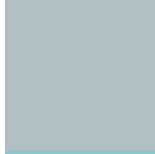
Original Color

39.7492, 51.4593, 57.1279



Protanomaly

44.6263, 50.6324, 53.3199



Deuteranomaly

46.2729, 50.3868, 58.3257



Tritanomaly

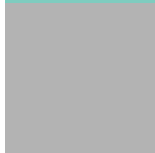
41.5092, 51.1036, 66.7077

Monochromacy



Original Color

39.7492, 51.4593, 57.1279



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

41.0277, 46.8589, 51.6820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7492, 51.4593, 57.1279 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(127, 204, 191)` looks like.

```
.text, #text, p{  
    color:rgb(127, 204, 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(127, 204, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 204, 191) }
```

Border

The CSS property to change the border of an element to XYZ 39.7492, 51.4593, 57.1279 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(127, 204, 191) }
```


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

```
.border{ border-color:rgb(127, 204, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 204, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 204, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 204, 191);  
box-shadow:4px 4px 4px 4px rgb(127, 204,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7492, 51.4593, 57.1279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 204, 191) }
```

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

```
.background{ background-color: rgb(127,  
204, 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](#).

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