

Converting Colors

XYZ(37.9642, 51.9130, 62.2737)

Have a look what the booklet for
XYZ(37.9642, 51.9130, 62.2737)
contains.

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Color

**XYZ(37.9017, 51.8319,
62.0398)**

Conversions

Conversions Part 1

Format	Color
Hex	62D0C7
RGB	98, 208, 199
RGB Percent	38%, 82%, 78%
CMY	0.6157, 0.1843, 0.2196
CMYK	0.53, 0.00, 0.04, 0.18
HSL	175°, 54%, 60%
HSV	175°, 53%, 82%
XYZ	37.9017, 51.8319, 62.0398
YIQ	174.0840, -62.6710, -26.1190

Conversions

Conversions Part 2

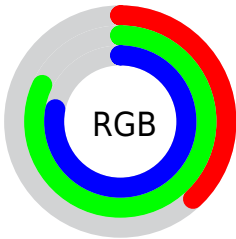
Format	Color
RYB	98, 155, 208
Decimal	6475975
CIELab	77.18, -33.61, -5.15
CIELCh	77, 34.007, 188.711
Yxy	51.8319, 0.2497, 0.3415
Android (android.graphics.Color)	4284666055 (0xFF62D0C7)
YUV	174.0840, 12.2836, -66.7257
Hunter-Lab	71.9944, -32.0182, -0.6960

Details

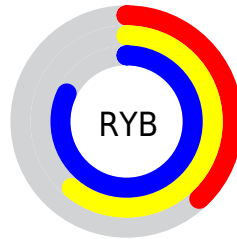
The XYZ color **37.9017, 51.8319, 62.0398** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.0357, 23.2084, 16.6503**, and the grayscale version is **40.2386, 42.3341, 46.1019**.

A 20% lighter version of the original color is **67.7146, 85.9081, 107.6207**, and **16.9810, 25.0737, 30.7328** is the 20% darker color. If you saturate the color by 10%, you get **35.7462, 50.7446, 60.9140**, and if you desaturate by 10%, it is **40.6455, 53.2247, 63.2070**.

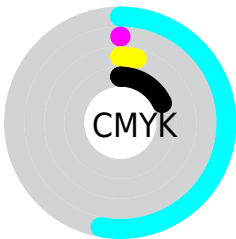
Distribution



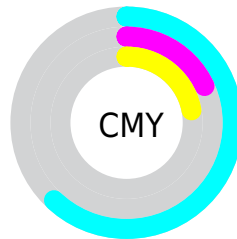
- Red (38%)
- Green (82%)
- Blue (78%)



- Red (38%)
- Yellow (61%)
- Blue (82%)



- Cyan (53%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9017, 51.8319, 62.0398 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 37.9017, 51.8319, 62.0398 by changing the saturation by 10% instead.

■ 37.9017, 51.8319,
62.0398

■ 37.9017, 51.8319,
62.0398

328.4863,
393.7873, 450.0879

■ 26.0833, 36.8711,
44.6289

■ 71.2623, 92.8833,
109.3552

■ 17.0190, 25.1077,
30.8244

■ 93.5352, 119.7427,
140.0968

■ 10.3434, 16.1573,
20.2078

■ 120.0236,
151.3370, 176.1189

■ 5.6912, 9.6355,
12.3606

■ 151.0930,
188.0507, 217.8402

■ 2.6971, 5.1580,
6.8643

187.1085,
230.2682, 265.6793

■ 0.9957, 2.3403,
3.3002

228.4357,

■ 0.0000, 0.7949,

278.3739, 320.0545

1.2499

275.4398,
332.7521, 381.3846

■ 0.0000, 0.0000,
0.0202

■ 0.0000, 0.0000,
0.0000

■ 37.9017, 51.8319,
62.0398

■ 37.9017, 51.8319,
62.0398

■ 35.7462, 50.7446,
60.9140

■ 40.6455, 53.2247,
63.2070

■ 34.1283, 49.9330,
59.8238


■ 44.0144, 54.9382,
64.4138


■ 32.9963, 49.3717,
58.7677


■ 48.0473, 56.9937,
65.6633


■ 32.2863, 49.0276,
57.7428


■ 52.7787, 59.4091,
66.9572

 31.9586, 48.8741,
57.0287

 58.2409, 62.2010,
68.2969

 64.4639, 65.3848,
69.6840

 71.4763, 68.9753,
71.1198

 75.7586, 71.1581,
72.4397

 75.9754, 71.2448,
73.5810

Harmonies

Analogous

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



38.5006, 51.8319, 44.3987



37.9017, 51.8319, 62.0398



40.1311, 51.8319, 81.9471

Triad

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



37.9017, 51.8319, 62.0398



57.5124, 51.8319, 89.2743



53.9491, 51.8319, 29.1965

Complementary

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



37.9017, 51.8319, 62.0398



33.0357, 23.2084, 16.6503

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.



59.6885, 51.8319, 36.8592



37.9017, 51.8319, 62.0398



61.8685, 51.8319, 70.4735

Square

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



37.9017, 51.8319, 62.0398



51.1843, 51.8319, 99.7899



62.6981, 51.8319, 51.1805



47.3936, 51.8319, 27.9064

Rectangle

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



37.9017, 51.8319, 62.0398



43.0473, 51.8319, 92.9359



62.6981, 51.8319, 51.1805



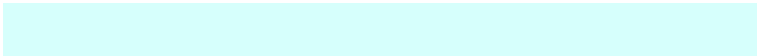
56.0536, 51.8319, 31.0161

Sweetspot

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



37.9032, 51.8339, 62.0410



81.0670, 92.8531, 105.4639



30.8456, 49.1318, 19.4142



17.0141, 19.7020, 22.4820



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.



37.9032, 51.8339, 62.0410



56.4170, 80.3202, 96.4187



29.3736, 33.0520, 64.5082



12.1149, 13.3897, 14.9614



19.9348, 30.4669, 35.6325



1.1273, 1.7086, 2.0588

Inverse Universe

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



33.0357, 23.2084, 16.6503



47.9540, 30.3998, 17.3877



38.1669, 34.1897, 16.1442



11.8474, 11.8237, 12.4725



16.2901, 8.3889, 1.1681



0.9248, 0.4746, 0.1388

Previews

White Background



This preview shows how the XYZ color 37.9017, 51.8319, 62.0398 looks on a white background.

Color Contrast Check

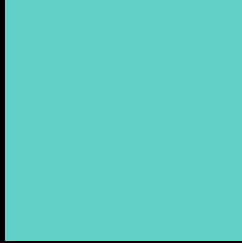
Large Text (above 18pt) WCAG AA × Fail

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 37.9017, 51.8319, 62.0398 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

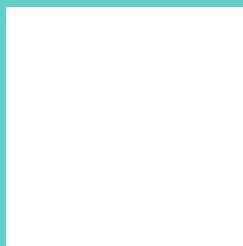
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9017, 51.8319, 62.0398

Background



This preview shows how black text looks on a background with the XYZ color 37.9017, 51.8319, 62.0398.

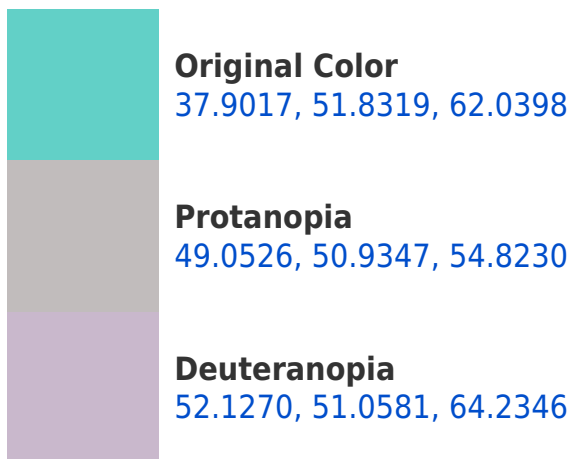


This preview shows how white text looks on a background with the XYZ color 37.9017, 51.8319,

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





Tritanopia

40.8263, 51.9473, 76.2817

Trichromacy



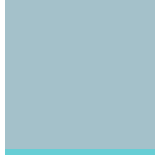
Original Color

37.9017, 51.8319, 62.0398



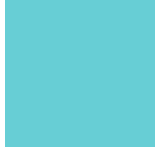
Protanomaly

43.1301, 50.1051, 57.2672



Deuteranomaly

45.0405, 50.2967, 63.2115



Tritanomaly

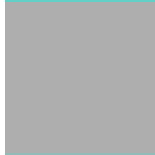
39.6751, 51.8303, 70.8639

Monochromacy



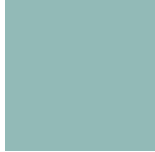
Original Color

37.9017, 51.8319, 62.0398



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

37.9602, 44.6477, 51.4169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9017, 51.8319, 62.0398 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(98, 208, 199)` looks like.

```
.text, #text, p{  
    color:rgb(98, 208, 199)  
}
```

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(98, 208, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 208, 199) }
```

Border

The CSS property to change the border of an element to XYZ 37.9017, 51.8319, 62.0398 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(98, 208, 199) }
```


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

```
.border{ border-color:rgb(98, 208, 199) }
```

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

Here you see how a box with a 4 pixel rgb(98, 208, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 208, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 208, 199);  
box-shadow:4px 4px 4px 4px rgb(98, 208,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9017, 51.8319, 62.0398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 208, 199) }
```

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

```
.background{ background-color: rgb(98, 208,  
199) }
```

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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