

Converting Colors

XYZ(39.5486, 51.1820, 64.9114)

Have a look what the booklet for
XYZ(39.5486, 51.1820, 64.9114)
contains.

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Color

**XYZ(39.5622, 51.1902,
64.9223)**

Conversions

Conversions Part 1

Format	Color
Hex	73CCCC
RGB	115, 204, 204
RGB Percent	45%, 80%, 80%
CMY	0.5490, 0.2000, 0.2000
CMYK	0.44, 0.00, 0.00, 0.20
HSL	180°, 47%, 63%
HSV	180°, 44%, 80%
XYZ	39.5622, 51.1902, 64.9223
YIQ	177.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

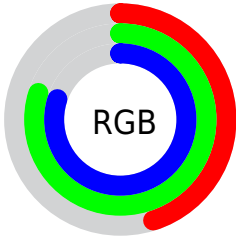
Format	Color
R _Y B	115, 160, 204
Decimal	7589068
CIE Lab	76.79, -26.65, -8.35
CIE LCh	77, 27.928, 197.386
Yxy	51.1902, 0.2541, 0.3288
Android (android.graphics.Color)	4285779148 (0xFF73CCCC)
YUV	177.3890, 13.1192, -54.7152
Hunter-Lab	71.5473, -26.5060, -3.7168

Details

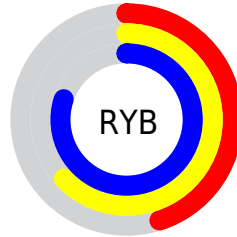
The XYZ color **39.5622, 51.1902, 64.9223** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.1289, 26.3382, 19.5065**, and the grayscale version is **41.9489, 44.1335, 48.0614**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **17.9398, 24.5668, 32.6505** is the 20% darker color. If you saturate the color by 10%, you get **37.1711, 49.9588, 64.8112**, and if you desaturate by 10%, it is **42.5499, 52.7316, 65.0635**.

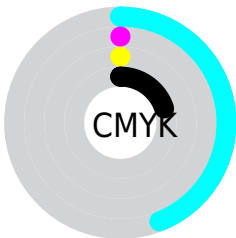
Distribution



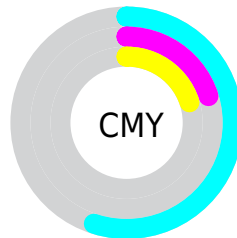
- Red (45%)
- Green (80%)
- Blue (80%)



- Red (45%)
- Yellow (63%)
- Blue (80%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (55%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5622, 51.1902, 64.9223 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 39.5622, 51.1902, 64.9223 by changing the saturation by 10% instead.


 39.5622, 51.1902,
64.9223


 39.5622, 51.1902,
64.9223


335.4410,
391.3023, 460.8113


 27.3801, 36.3600,
46.9471


 73.7850, 91.9359,
113.5503

 17.9969, 24.7124,
32.6398


 96.5563, 118.6201,
145.0403

 11.0475, 15.8629,
21.5818


 123.5881,
150.0245, 181.8723

 6.1663, 9.4272,
13.3546

155.2457,
186.5334, 224.4648

 2.9881, 5.0208,
7.5396

191.8944,
228.5313, 273.2364

 1.1475, 2.2595,
3.7183

233.8996,

 0.0643, 0.7521,

276.4024, 328.6057

1.4721

281.6267,
330.5313, 390.9911

■ 0.0000, 0.0000,
0.1970

■ 0.0000, 0.0000,
0.0000

■ 39.5622, 51.1902,
64.9223

■ 39.5622, 51.1902,
64.9223

■ 37.1711, 49.9588,
64.8112

■ 42.5499, 52.7316,
65.0635

■ 35.3326, 49.0110,
64.7249


■ 46.1656, 54.5956,
65.2330


■ 34.0036, 48.3258,
64.6624


■ 50.4440, 56.8012,
65.4336


■ 33.1329, 47.8770,
64.6214


■ 55.4160, 59.3643,
65.6665


 32.6587, 47.6326,
64.5989


 61.1102, 62.2998,
65.9333

 32.4926, 47.5470,
64.5909

 67.5541, 65.6217,
66.2352

 73.7333, 68.8072,
66.5247

 73.7334, 68.8073,
66.5249

 73.7334, 68.8073,
66.5252

Harmonies

Analogous

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



39.3711, 51.1902, 49.6032



39.5622, 51.1902, 64.9223



42.0754, 51.1902, 80.0963

Triad

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



39.5622, 51.1902, 64.9223



56.5474, 51.1902, 77.9275



50.9145, 51.1902, 31.8298

Complementary

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



39.5622, 51.1902, 64.9223



34.1289, 26.3382, 19.5065

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.



55.8866, 51.1902, 36.8977



39.5622, 51.1902, 64.9223



59.2938, 51.1902, 62.3577

Square

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



39.5622, 51.1902, 64.9223



51.7642, 51.1902, 88.4907



59.0435, 51.1902, 47.4625



45.6724, 51.1902, 32.2648

Rectangle

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



39.5622, 51.1902, 64.9223



44.8401, 51.1902, 87.2573



59.0435, 51.1902, 47.4625



52.6799, 51.1902, 32.9013

Sweetspot

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



39.5637, 51.1922, 64.9235



83.8882, 94.2459, 108.3770



31.9559, 48.1718, 23.8347



17.5930, 19.9856, 23.1801



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.



39.5637, 51.1922, 64.9235



61.8923, 82.9066, 107.3457



30.7129, 33.4902, 61.9744



11.5433, 12.7271, 14.4185



20.4505, 29.9255, 40.6528



1.0550, 1.5438, 2.0972

Inverse Universe

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



34.1289, 26.3382, 19.5065



51.7866, 36.6927, 22.8965



40.2279, 38.5365, 21.5389



11.2124, 11.2137, 11.6530



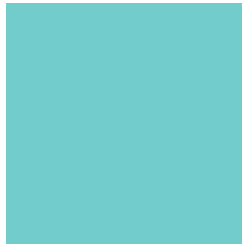
15.6735, 8.0800, 0.7336



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 39.5622, 51.1902, 64.9223 looks on a white background.

Color Contrast Check

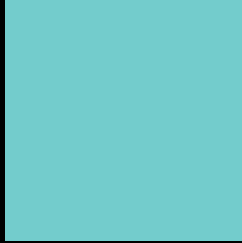
Large Text (above 18pt) WCAG AA × Fail

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 39.5622, 51.1902, 64.9223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

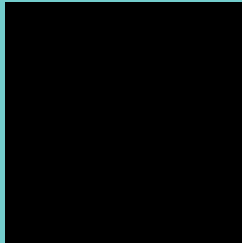
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5622, 51.1902, 64.9223

Background



This preview shows how black text looks on a background with the XYZ color 39.5622, 51.1902, 64.9223.

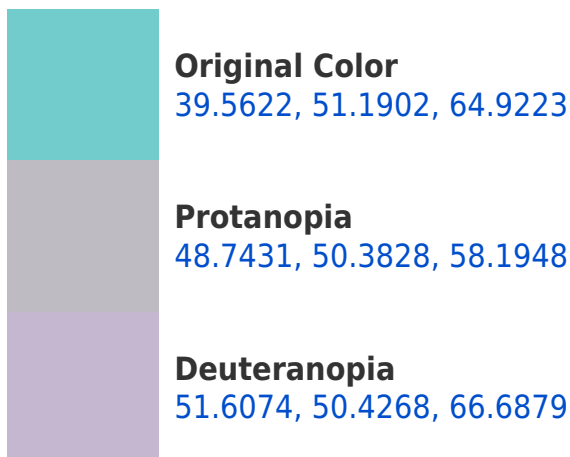


This preview shows how white text looks on a background with the XYZ color 39.5622, 51.1902,

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

41.3832, 51.2250, 74.0359

Trichromacy



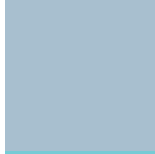
Original Color

39.5622, 51.1902, 64.9223



Protanomaly

44.3673, 50.0037, 60.7394



Deuteranomaly

46.0417, 50.0914, 66.2734



Tritanomaly

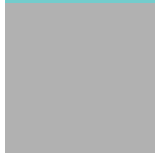
40.8374, 51.3675, 70.7134

Monochromacy



Original Color

39.5622, 51.1902, 64.9223



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

40.0664, 45.9985, 53.7806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5622, 51.1902, 64.9223 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(115, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(115, 204, 204)  
}
```

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(115, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 39.5622, 51.1902, 64.9223 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(115, 204, 204) }
```


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

```
.border{ border-color:rgb(115, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(115, 204,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5622, 51.1902, 64.9223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 204, 204) }
```

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

```
.background{ background-color: rgb(115,  
204, 204) }
```

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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