

Converting Colors

XYZ(39.4346, 51.3177, 62.4396)

Have a look what the booklet for
XYZ(39.4346, 51.3177, 62.4396)
contains.

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Color

**XYZ(39.3543, 51.1378,
62.4400)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75CCC8 |
| RGB | 117, 204, 200 |
| RGB Percent | 46%, 80%, 78% |
| CMY | 0.5412, 0.2000, 0.2157 |
| CMYK | 0.43, 0.00, 0.02, 0.20 |
| HSL | 177°, 46%, 63% |
| HSV | 177°, 43%, 80% |
| XYZ | 39.3543, 51.1378, 62.4400 |
| YIQ | 177.5310, -50.5680, -19.6880 |

Conversions

Conversions Part 2

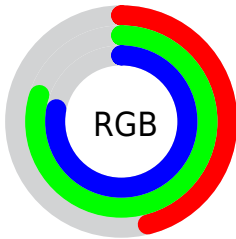
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 117, 162, 204 |
| Decimal | 7720136 |
| CIELab | 76.76, -27.17, -6.23 |
| CIELCh | 77, 27.875, 192.907 |
| Yxy | 51.1378, 0.2573, 0.3344 |
| Android (android.graphics.Color) | 4285910216 (0xFF75CCC8) |
| YUV | 177.5310, 11.0772, -53.0857 |
| Hunter-Lab | 71.5107, -26.9103, -1.7119 |

Details

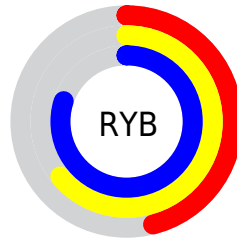
The XYZ color **39.3543, 51.1378, 62.4400** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.7161, 26.9419, 21.4615**, and the grayscale version is **42.0331, 44.2221, 48.1578**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **17.7992, 24.5309, 30.9909** is the 20% darker color. If you saturate the color by 10%, you get **36.7974, 49.8336, 61.7506**, and if you desaturate by 10%, it is **42.5121, 52.7542, 63.1633**.

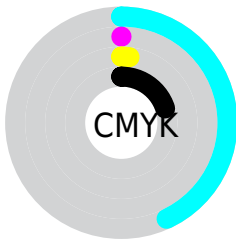
Distribution



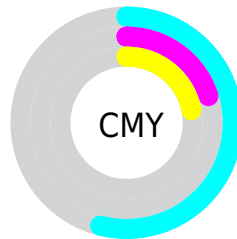
- Red (46%)
- Green (80%)
- Blue (78%)



- Red (46%)
- Yellow (64%)
- Blue (80%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (54%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3543, 51.1378, 62.4400 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 39.3543, 51.1378, 62.4400 by changing the saturation by 10% instead.

■ 39.3543, 51.1378,
62.4400

■ 39.3543, 51.1378,
62.4400

334.5758,
391.0989, 451.5861

■ 27.2174, 36.3183,
44.9502

■ 73.4699, 91.8584,
109.9390

■ 17.8740, 24.6801,
31.0756

■ 96.1793, 118.5283,
140.7852

■ 10.9587, 15.8389,
20.3975

■ 123.1436,
149.9172, 176.9208

■ 6.1062, 9.4102,
12.4973

154.7281,
186.4093, 218.7641

■ 2.9510, 5.0097,
6.9567

191.2982,
228.3892, 266.7338

■ 1.1279, 2.2530,
3.3570

233.2193,

■ 0.0483, 0.7486,

276.2411, 321.2483

1.2797

280.8567,
330.3496, 382.7262

■ 0.0000, 0.0000,
0.0451

■ 0.0000, 0.0000,
0.0000

■ 39.3543, 51.1378,
62.4400

■ 39.3543, 51.1378,
62.4400

■ 36.7974, 49.8336,
61.7506

■ 42.5121, 52.7542,
63.1633

■ 34.7978, 48.8153,
61.0897


■ 46.3020, 54.6952,
63.9185


■ 33.3130, 48.0623,
60.4564


■ 50.7585, 56.9797,
64.7085


■ 32.2926, 47.5487,
59.8483


■ 55.9119, 59.6235,
65.5346


 31.6761, 47.2432,
59.2626


 61.7912, 62.6413,
66.3982

 31.4010, 47.1104,
58.8425

 68.4234, 66.0472,
67.3006

 74.0438, 68.9315,
68.1592

 74.1586, 68.9774,
68.7637

 74.2741, 69.0236,
69.3718

Harmonies

Analogous

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



39.5215, 51.1378, 47.5542



39.3543, 51.1378, 62.4400



41.5328, 51.1378, 77.9461

Triad

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



39.3543, 51.1378, 62.4400



55.8595, 51.1378, 79.8428



51.6545, 51.1378, 32.2312

Complementary

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



39.3543, 51.1378, 62.4400



34.7161, 26.9419, 21.4615

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.



56.4375, 51.1378, 38.1184



39.3543, 51.1378, 62.4400



58.9834, 51.1378, 64.6832

Square

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



39.3543, 51.1378, 62.4400



50.9112, 51.1378, 89.1522



59.2023, 51.1378, 49.4271



46.3694, 51.1378, 31.8505

Rectangle

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



39.3543, 51.1378, 62.4400



44.1206, 51.1378, 85.8289



59.2023, 51.1378, 49.4271



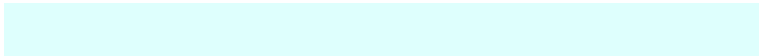
53.3832, 51.1378, 33.5752

Sweetspot

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



39.3558, 51.1398, 62.4412



83.6437, 94.1481, 107.0897



32.7396, 48.5624, 24.4786



17.5318, 19.9611, 22.8580



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.



39.3558, 51.1398, 62.4412



61.3118, 82.7169, 102.3713



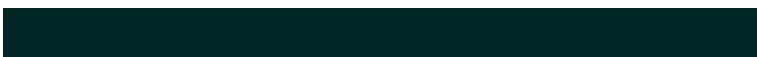
31.6648, 34.9994, 62.2157



11.5201, 12.7178, 14.2963



19.7732, 29.6546, 37.0860



1.0271, 1.5327, 1.9503

Inverse Universe

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



34.7161, 26.9419, 21.4615



52.6594, 37.5514, 25.9215



40.0282, 37.9508, 22.0462



11.2329, 11.2219, 11.7610



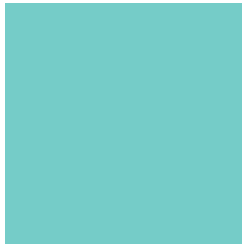
15.7153, 8.0967, 0.9535



0.8182, 0.4207, 0.0886

Previews

White Background



This preview shows how the XYZ color 39.3543, 51.1378, 62.4400 looks on a white background.

Color Contrast Check

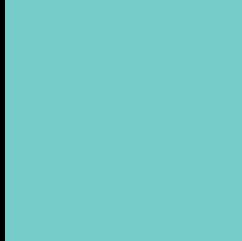
Large Text (above 18pt) WCAG AA × Fail

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 39.3543, 51.1378, 62.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

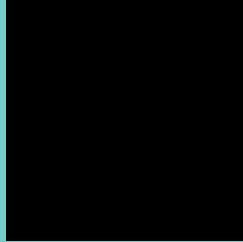
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3543, 51.1378, 62.4400

Background



This preview shows how black text looks on a background with the XYZ color 39.3543, 51.1378, 62.4400.

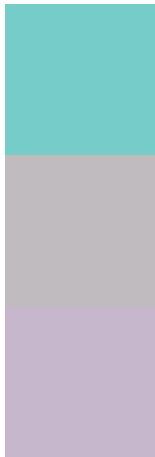


This preview shows how white text looks on a background with the XYZ color 39.3543, 51.1378,

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

39.3543, 51.1378, 62.4400

Protanopia

48.5504, 50.3347, 55.8719

Deuteranopia

51.3858, 50.3687, 64.1406



Tritanopia

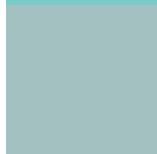
41.5676, 50.9728, 73.9776

Trichromacy



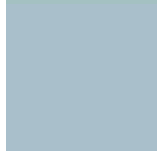
Original Color

39.3543, 51.1378, 62.4400



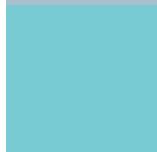
Protanomaly

44.1174, 49.9275, 58.3507



Deuteranomaly

45.7725, 50.0084, 63.7400



Tritanomaly

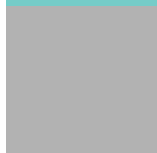
40.6241, 50.9373, 69.3188

Monochromacy



Original Color

39.3543, 51.1378, 62.4400



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

40.3436, 46.1537, 53.2366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3543, 51.1378, 62.4400 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(117, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(117, 204, 200)  
}
```

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(117, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 204, 200) }
```

Border

The CSS property to change the border of an element to XYZ 39.3543, 51.1378, 62.4400 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(117, 204, 200) }
```


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

```
.border{ border-color:rgb(117, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(117, 204,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3543, 51.1378, 62.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 204, 200) }
```

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

```
.background{ background-color: rgb(117,  
204, 200) }
```

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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