

Converting Colors

XYZ(39.4220, 57.2163, 58.8353)

Have a look what the booklet for
XYZ(39.4220, 57.2163, 58.8353)
contains.

XYZ(39.4220, 57.2163, 58.8353)	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(39.4220, 57.2163,
58.8353)**

Conversions

Conversions Part 1

Format	Color
Hex	5BDCC0
RGB	91, 220, 192
RGB Percent	36%, 86%, 75%
CMY	0.6431, 0.1372, 0.2471
CMYK	0.59, 0.00, 0.13, 0.14
HSL	167°, 65%, 61%
HSV	167°, 59%, 86%
XYZ	39.4220, 57.2163, 58.8353
YIQ	178.2370, -67.8960, -36.0560

Conversions

Conversions Part 2

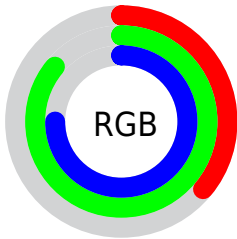
Format	Color
RYB	91, 163, 220
Decimal	6020288
CIELab	80.30, -42.21, 3.14
CIELCh	80, 42.326, 175.751
Yxy	57.2163, 0.2536, 0.3680
Android (android.graphics.Color)	4284210368 (0xFF5BDCC0)
YUV	178.2370, 6.7852, -76.5068
Hunter-Lab	75.6415, -39.3438, 6.8322

Details

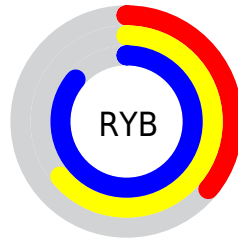
The XYZ color **39.4220, 57.2163, 58.8353** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **36.5879, 24.0312, 20.1649**, and the grayscale version is **42.4348, 44.6447, 48.6181**.

A 20% lighter version of the original color is **65.6522, 84.9727, 101.7481**, and **17.9357, 28.4150, 28.9654** is the 20% darker color. If you saturate the color by 10%, you get **37.0426, 56.0512, 56.0074**, and if you desaturate by 10%, it is **42.4574, 58.7204, 61.7861**.

Distribution



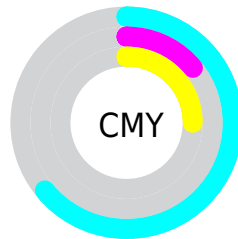
- Red (36%)
- Green (86%)
- Blue (75%)



- Red (36%)
- Yellow (64%)
- Blue (86%)



- Cyan (59%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)





- Cyan (64%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4220, 57.2163, 58.8353 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 39.4220, 57.2163, 58.8353 by changing the saturation by 10% instead.


 39.4220, 57.2163,
58.8353


 39.4220, 57.2163,
58.8353


334.8577,
414.2593, 437.9762

 27.2704, 41.1789,
42.0614


 73.5725, 100.7807,
104.6650

 17.9140, 28.4589,
28.8235


 96.3021, 129.0766,
134.5579

 10.9876, 18.6719,
18.7029


 123.2884,
162.2274, 169.6609

 6.1257, 11.4334,
11.2811

 154.8967,
200.6175, 210.3926

 2.9631, 6.3592,
6.1397

191.4924,
244.6314, 257.1714

 1.1343, 3.0647,
2.8601

233.4410,

 0.0535, 1.1656,

294.6534, 310.4159

1.0236

281.1076,
351.0679, 370.5446

■ 0.0000, 0.0333,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.4220, 57.2163,
58.8353

■ 39.4220, 57.2163,
58.8353

■ 37.0426, 56.0512,
56.0074

■ 42.4574, 58.7204,
61.7861

■ 35.2568, 55.1888,
53.2947


■ 46.1945, 60.5828,
64.8590


■ 33.9984, 54.5963,
50.6948


■ 50.6805, 62.8292,
68.0582


■ 33.1648, 54.2209,
48.2018


■ 55.9569, 65.4811,
71.3865


 33.0643, 54.1764,
47.8688

 62.0624, 68.5584,
74.8464

 69.0330, 72.0795,
78.4405

 76.9024, 76.0619,
82.1712

 81.1462, 78.1731,
85.8273

 81.8270, 78.4455,
89.4127

Harmonies

Analogous

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



41.7576, 57.2163, 39.1482



39.4220, 57.2163, 58.8353



40.7326, 57.2163, 85.3758

Triad

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



39.4220, 57.2163, 58.8353



61.9351, 57.2163, 115.8184



64.2924, 57.2163, 30.6319

Complementary

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



39.4220, 57.2163, 58.8353



36.5879, 24.0312, 20.1649

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.



70.7845, 57.2163, 43.8071



39.4220, 57.2163, 58.8353



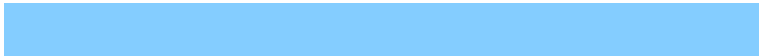
69.3253, 57.2163, 93.1431

Square

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



39.4220, 57.2163, 58.8353



53.1592, 57.2163, 122.9145



72.7168, 57.2163, 65.8957



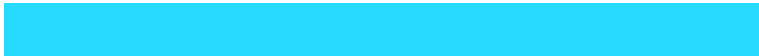
55.6242, 57.2163, 25.8410

Rectangle

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



39.4220, 57.2163, 58.8353



43.5806, 57.2163, 103.0385



72.7168, 57.2163, 65.8957



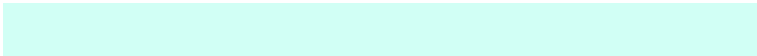
66.8360, 57.2163, 34.0232

Sweetspot

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



39.4236, 57.2185, 58.8366



78.5698, 91.6847, 99.9712



35.3825, 56.0162, 18.8459



16.3255, 19.3769, 21.1013



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.



39.4236, 57.2185, 58.8366



51.2078, 78.0480, 77.5032



34.7092, 42.3430, 74.0563



13.3175, 14.7786, 16.1351



19.4473, 31.8115, 28.3185



1.2906, 2.0732, 1.9961

Inverse Universe

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



36.5879, 24.0312, 20.1649



46.9678, 27.7416, 19.1735



38.7897, 30.7415, 13.7878



13.1712, 13.0976, 14.1626



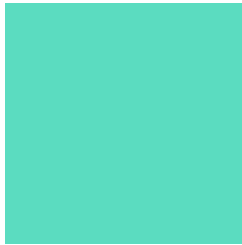
17.6662, 9.0675, 2.6225



1.1768, 0.6004, 0.3400

Previews

White Background



This preview shows how the XYZ color 39.4220, 57.2163, 58.8353 looks on a white background.

Color Contrast Check

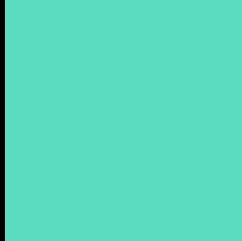
Large Text (above 18pt) WCAG AA × Fail

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 39.4220, 57.2163, 58.8353 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

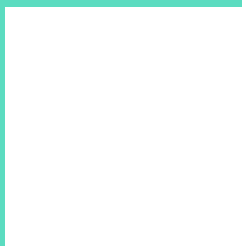
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4220, 57.2163, 58.8353

Background



This preview shows how black text looks on a background with the XYZ color 39.4220, 57.2163, 58.8353.

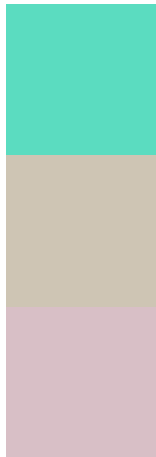


This preview shows how white text looks on a background with the XYZ color 39.4220, 57.2163,

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

39.4220, 57.2163, 58.8353

Protanopia

53.6581, 56.3496, 51.2285

Deuteranopia

57.1427, 55.9378, 61.2114



Tritanopia

44.5559, 56.9835, 84.9945

Trichromacy



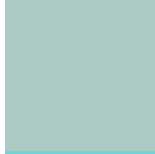
Original Color

39.4220, 57.2163, 58.8353



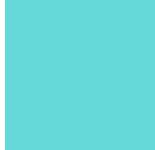
Protanomaly

45.7929, 55.0158, 53.5530



Deuteranomaly

47.8789, 54.8845, 60.2948



Tritanomaly

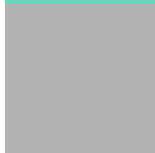
42.4471, 56.8882, 74.3890

Monochromacy



Original Color

39.4220, 57.2163, 58.8353



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

39.4713, 47.6698, 51.9206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4220, 57.2163, 58.8353 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(91, 220, 192)` looks like.

```
.text, #text, p{  
    color:rgb(91, 220, 192)  
}
```

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(91, 220, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 220, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.4220, 57.2163, 58.8353 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(91, 220, 192) }
```


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

```
.border{ border-color:rgb(91, 220, 192) }
```

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

Here you see how a box with a 4 pixel rgb(91, 220, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 220, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 220, 192);  
box-shadow:4px 4px 4px 4px rgb(91, 220,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4220, 57.2163, 58.8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 220, 192) }
```

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

```
.background{ background-color: rgb(91, 220,  
192) }
```

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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