

Converting Colors

XYZ(39.5613, 53.6184, 59.2931)

Have a look what the booklet for
XYZ(39.5613, 53.6184, 59.2931)
contains.

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Color

**XYZ(39.4663, 53.4330,
59.2724)**

Conversions

Conversions Part 1

Format	Color
Hex	70D2C2
RGB	112, 210, 194
RGB Percent	44%, 82%, 76%
CMY	0.5608, 0.1765, 0.2392
CMYK	0.47, 0.00, 0.08, 0.18
HSL	170°, 52%, 63%
HSV	170°, 47%, 82%
XYZ	39.4663, 53.4330, 59.2724
YIQ	178.8740, -53.2720, -25.7520

Conversions

Conversions Part 2

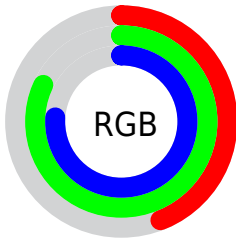
Format	Color
RYB	112, 165, 210
Decimal	7393986
CIELab	78.13, -32.71, -1.01
CIELCh	78, 32.728, 181.768
Yxy	53.4330, 0.2594, 0.3511
Android (android.graphics.Color)	4285584066 (0xFF70D2C2)
YUV	178.8740, 7.4571, -58.6485
Hunter-Lab	73.0979, -31.5473, 3.0924

Details

The XYZ color **39.4663, 53.4330, 59.2724** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.2706, 26.8500, 23.6950**, and the grayscale version is **42.7638, 44.9909, 48.9951**.

A 20% lighter version of the original color is **69.3775, 86.8571, 103.5510**, and **17.9232, 26.0930, 28.9028** is the 20% darker color. If you saturate the color by 10%, you get **36.7192, 52.0621, 57.1575**, and if you desaturate by 10%, it is **42.8485, 55.1329, 61.4657**.

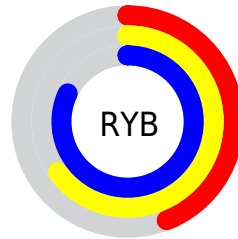
Distribution



Red (44%)

Green (82%)

Blue (76%)



Red (44%)

Yellow (65%)

Blue (82%)

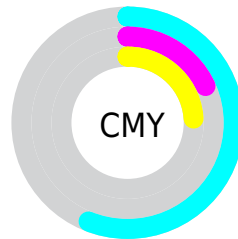


Cyan (47%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (56%)


Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4663, 53.4330, 59.2724 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 39.4663, 53.4330, 59.2724 by changing the saturation by 10% instead.


 39.4663, 53.4330,
59.2724


 39.4663, 53.4330,
59.2724


335.0421,
399.9442, 439.6406


 27.3050, 38.1485,
42.4110


 73.6396, 95.2412,
105.3065

 17.9402, 26.0980,
29.0953


 96.3824, 122.5338,
135.3162

 11.0065, 16.8970,
18.9067


 123.3831,
154.5978, 170.5458

 6.1385, 10.1611,
11.4268

155.0070,
191.8177, 211.4138

 2.9710, 5.5059,
6.2369

191.6195,
234.5779, 258.3388

 1.1384, 2.5470,
2.9185

233.5859,

 0.0569, 0.9001,

283.2628, 311.7392

1.0532

281.2717,
338.2568, 372.0336

■ 0.0000, 0.0000,
0.0000

■ 39.4663, 53.4330,
59.2724

■ 39.4663, 53.4330,
59.2724

■ 36.7192, 52.0621,
57.1575

■ 42.8485, 55.1329,
61.4657

■ 34.5585, 50.9912,
55.1150

■ 46.9009, 57.1759,
63.7360

■ 32.9360, 50.1968,
53.1435


■ 51.6615, 59.5830,
66.0863


■ 31.7938, 49.6488,
51.2399


■ 57.1643, 62.3717,
68.5188


■ 31.0566, 49.3088,
49.4004


■ 63.4407, 65.5581,
71.0350

 30.8556, 49.2182,
48.7992

 70.5207, 69.1577,
73.6367

 76.9431, 72.4172,
76.2558

 77.3966, 72.5987,
78.6441

 77.8595, 72.7838,
81.0816

Harmonies

Analogous

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



40.7099, 53.4330, 43.0677



39.4663, 53.4330, 59.2724



41.0381, 53.4330, 78.7473

Triad

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



39.4663, 53.4330, 59.2724



57.5356, 53.4330, 93.5269



56.8246, 53.4330, 32.3526

Complementary

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



39.4663, 53.4330, 59.2724



36.2706, 26.8500, 23.6950

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.



61.9680, 53.4330, 41.5465



39.4663, 53.4330, 59.2724



62.4020, 53.4330, 76.4677

Square

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



39.4663, 53.4330, 59.2724



51.1667, 53.4330, 100.9272



64.0874, 53.4330, 57.1000



50.4081, 53.4330, 29.6138

Rectangle

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



39.4663, 53.4330, 59.2724



43.5544, 53.4330, 90.4381



64.0874, 53.4330, 57.1000



58.7779, 53.4330, 34.6799

Sweetspot

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



39.4678, 53.4351, 59.2736



82.1893, 93.4768, 103.4731



34.9252, 51.8803, 23.5035



17.2128, 19.8159, 21.9734



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.



39.4678, 53.4351, 59.2736



56.9880, 80.7860, 88.6974



34.1047, 39.6759, 66.8359



12.0720, 13.3725, 14.7355



18.8523, 30.0339, 29.9321



1.0768, 1.6884, 1.7930

Inverse Universe

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



36.2706, 26.8500, 23.6950



51.4660, 34.6564, 27.0900



39.5793, 35.0223, 20.0042



11.8864, 11.8393, 12.6774



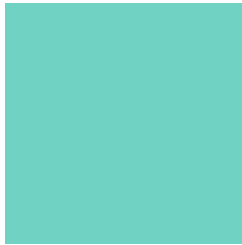
16.4158, 8.4392, 1.8301



0.9430, 0.4819, 0.2346

Previews

White Background



This preview shows how the XYZ color 39.4663, 53.4330, 59.2724 looks on a white background.

Color Contrast Check

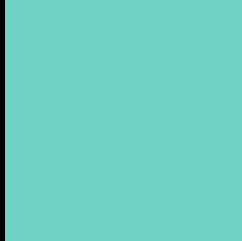
Large Text (above 18pt) WCAG AA × Fail

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 39.4663, 53.4330, 59.2724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

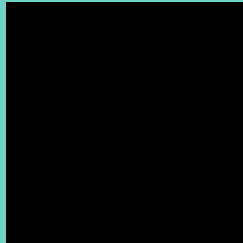
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

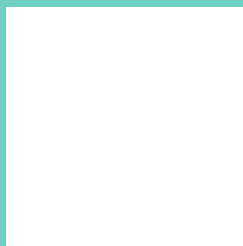
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4663, 53.4330, 59.2724

Background



This preview shows how black text looks on a background with the XYZ color 39.4663, 53.4330, 59.2724.

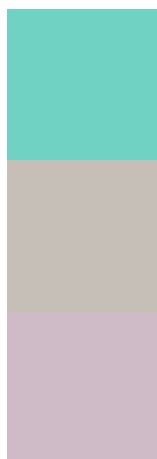


This preview shows how white text looks on a background with the XYZ color 39.4663, 53.4330,

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

39.4663, 53.4330, 59.2724

Protanopia

50.2040, 52.5508, 52.2970

Deuteranopia

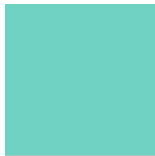
53.5998, 52.5067, 61.3426



Tritanopia

43.0019, 53.4096, 77.1499

Trichromacy



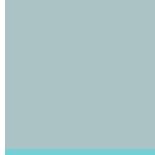
Original Color

39.4663, 53.4330, 59.2724



Protanomaly

44.8896, 52.0830, 54.7008



Deuteranomaly

46.6064, 51.8321, 60.3715



Tritanomaly

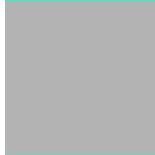
41.5326, 53.1610, 70.3595

Monochromacy



Original Color

39.4663, 53.4330, 59.2724



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.5828, 47.2562, 52.3298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4663, 53.4330, 59.2724 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(112, 210, 194)` looks like.

```
.text, #text, p{  
    color:rgb(112, 210, 194)  
}
```

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(112, 210, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 210, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.4663, 53.4330, 59.2724 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(112, 210, 194) }
```


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

```
.border{ border-color:rgb(112, 210, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 210, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 210, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 210, 194);  
box-shadow:4px 4px 4px 4px rgb(112, 210,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4663, 53.4330, 59.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 210, 194) }
```

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

```
.background{ background-color: rgb(112,  
210, 194) }
```

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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