

Converting Colors

XYZ(27.4718, 39.0902, 57.7270)

Have a look what the booklet for
XYZ(27.4718, 39.0902, 57.7270)
contains.

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Color

**XYZ(27.4718, 39.0902,
57.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	05BAC3
RGB	5, 186, 195
RGB Percent	2%, 73%, 76%
CMY	0.9802, 0.2706, 0.2353
CMYK	0.97, 0.05, 0.00, 0.24
HSL	183°, 95%, 39%
HSV	183°, 97%, 76%
XYZ	27.4718, 39.0902, 57.7270
YIQ	132.9070, -110.7650, -35.5730

Conversions

Conversions Part 2

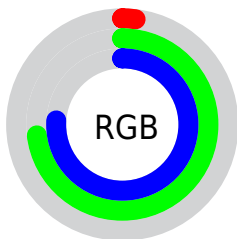
Format	Color
RYB	5, 98, 195
Decimal	375491
CIELab	68.82, -35.00, -15.64
CIELCh	69, 38.335, 204.071
Yxy	39.0902, 0.2210, 0.3145
Android (android.graphics.Color)	4278565571 (0xFF05BAC3)
YUV	132.9070, 30.6118, -112.1744
Hunter-Lab	62.5222, -30.9821, -10.9772

Details

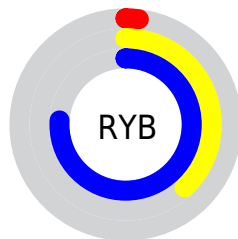
The XYZ color **27.4718, 39.0902, 57.7270** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **22.6912, 11.9284, 1.2512**, and the grayscale version is **22.1864, 23.3418, 25.4192**.

A 20% lighter version of the original color is **55.2148, 74.0130, 103.4713**, and **13.0590, 18.4256, 28.0675** is the 20% darker color. If you saturate the color by 10%, you get **27.3597, 38.9586, 57.7082**, and if you desaturate by 10%, it is **27.9948, 39.6505, 57.8083**.

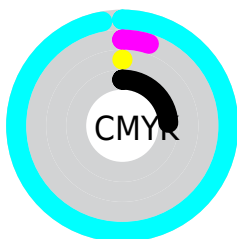
Distribution



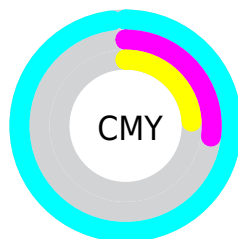
- Red (2%)
- Green (73%)
- Blue (76%)



- Red (2%)
- Yellow (38%)
- Blue (76%)



- Cyan (97%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4718, 39.0902, 57.7270 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 27.4718, 39.0902, 57.7270 by changing the saturation by 10% instead.

■ 27.4718, 39.0902,
57.7270

■ 27.4718, 39.0902,
57.7270

282.0604,
342.2738, 433.7377

■ 18.0663, 26.8299,
41.1760

■ 55.0546, 73.7761,
103.0360

■ 11.0976, 17.4455,
28.1359

■ 73.9626, 96.9705,
132.6311

■ 6.2003, 10.5526,
18.1882

■ 96.7688, 124.5784,
167.4113

■ 3.0091, 5.7669,
10.9143

■ 123.8386,
156.9841, 207.7952

■ 1.1586, 2.7039,
5.8958

■ 155.5372,
194.5721, 254.2012

■ 0.0733, 0.9792,
2.7141

192.2302,

■ 0.0000, 0.0000,

237.7268, 307.0479

0.9505

234.2828,
286.8326, 366.7539

■ 0.0000, 0.0000,
0.0000

■ 27.4718, 39.0902,
57.7270

■ 27.4718, 39.0902,
57.7270

■ 27.3597, 38.9586,
57.7082

■ 27.9948, 39.6505,
57.8083

■ 28.8421, 40.3790,
57.9043

■ 30.0840, 41.3128,
58.0191

■ 31.7693, 42.4771,
58.1550

■ 33.9398, 43.8933,
58.3139

■ 36.6322, 45.5805,
58.4977

■ 39.8799, 47.5559,
58.7078

■ 43.7135, 49.8352,
58.9457

■ 48.1613, 52.4331,
59.2127

Harmonies

Analogous

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



26.6992, 39.0902, 39.1979



27.4718, 39.0902, 57.7270



30.7093, 39.0902, 75.8276

Triad

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



27.4718, 39.0902, 57.7270



47.4445, 39.0902, 65.3797



38.3744, 39.0902, 17.1955

Complementary

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



27.4718, 39.0902, 57.7270



22.6912, 11.9284, 1.2512

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.



44.4428, 39.0902, 20.8045



27.4718, 39.0902, 57.7270



50.0339, 39.0902, 46.1145

Square

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



27.4718, 39.0902, 57.7270



42.1280, 39.0902, 81.0230



48.8797, 39.0902, 30.3177



32.5879, 39.0902, 18.7320

Rectangle

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



27.4718, 39.0902, 57.7270



34.0379, 39.0902, 83.5457



48.8797, 39.0902, 30.3177



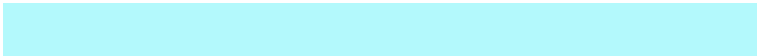
40.4548, 39.0902, 17.8071

Sweetspot

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



27.4730, 39.0916, 57.7279



70.1580, 84.4093, 105.0647



19.6411, 39.0883, 6.8376



14.8023, 18.1439, 22.9719



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.



27.4730, 39.0916, 57.7279



48.9470, 69.6667, 103.3370



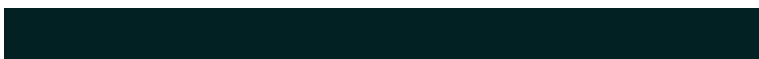
13.8886, 11.9228, 53.1998



10.3263, 11.3440, 12.9302



17.8000, 25.3564, 37.5127



0.7819, 1.1212, 1.6251

Inverse Universe

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



31.4239, 15.2570, 47.7445



56.1093, 27.1001, 85.0948



27.7241, 21.9942, 2.9288



10.4760, 10.2390, 12.5973



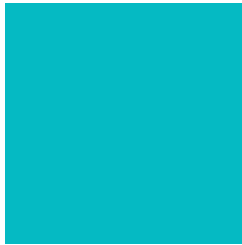
20.3806, 9.8420, 30.9798



0.8870, 0.4278, 1.3726

Previews

White Background



This preview shows how the XYZ color 27.4718, 39.0902, 57.7270 looks on a white background.

Color Contrast Check

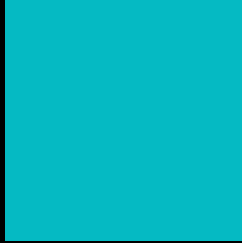
Large Text (above 18pt) WCAG AA × Fail

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 27.4718, 39.0902, 57.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

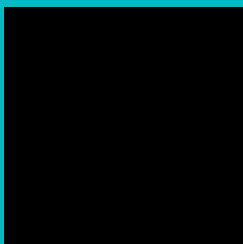
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

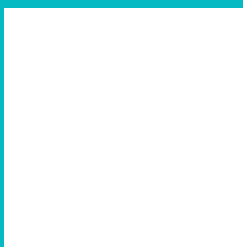
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4718, 39.0902, 57.7270

Background



This preview shows how black text looks on a background with the XYZ color 27.4718, 39.0902, 57.7270.



This preview shows how white text looks on a background with the XYZ color 27.4718, 39.0902,

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

27.4718, 39.0902, 57.7270

Protanopia

37.5968, 38.6492, 49.7344

Deuteranopia

39.2484, 38.4715, 60.0007



Tritanopia

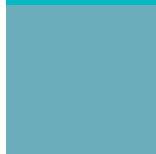
28.1276, 39.0502, 60.6985

Trichromacy



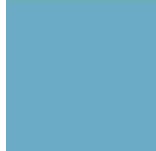
Original Color

27.4718, 39.0902, 57.7270



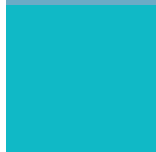
Protanomaly

29.9766, 36.6008, 52.4984



Deuteranomaly

30.8194, 36.3288, 58.8139



Tritanomaly

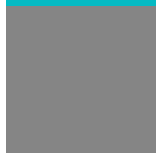
27.7557, 38.8853, 59.4688

Monochromacy



Original Color

27.4718, 39.0902, 57.7270



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

21.0667, 26.8352, 35.5219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4718, 39.0902, 57.7270 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(5, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(5, 186, 195)  
}
```

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(5, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 186, 195) }
```

Border

The CSS property to change the border of an element to XYZ 27.4718, 39.0902, 57.7270 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(5, 186, 195) }
```


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

```
.border{ border-color:rgb(5, 186, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(5, 186,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4718, 39.0902, 57.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 186, 195) }
```

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

```
.background{ background-color: rgb(5, 186,  
195) }
```

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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