

Converting Colors

XYZ(39.1866, 58.1467, 72.5861)

Have a look what the booklet for
XYZ(39.1866, 58.1467, 72.5861)
contains.

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Color

**XYZ(39.1209, 57.9375,
72.7395)**

Conversions

Conversions Part 1

Format	Color
Hex	20DFD6
RGB	32, 223, 214
RGB Percent	13%, 87%, 84%
CMY	0.8744, 0.1255, 0.1608
CMYK	0.86, 0.00, 0.04, 0.13
HSL	177°, 75%, 50%
HSV	177°, 86%, 87%
XYZ	39.1209, 57.9375, 72.7395
YIQ	164.8650, -110.9470, -43.2910

Conversions

Conversions Part 2

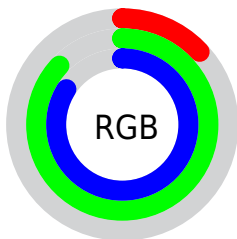
Format	Color
R _Y B	32, 130, 223
Decimal	2154454
CIE Lab	80.70, -44.90, -8.11
CIE LCh	81, 45.624, 190.234
Yxy	57.9375, 0.2304, 0.3412
Android (android.graphics.Color)	4280344534 (0xFF20DFD6)
YUV	164.8650, 24.2236, -116.5226
Hunter-Lab	76.1167, -41.4624, -3.3777

Details

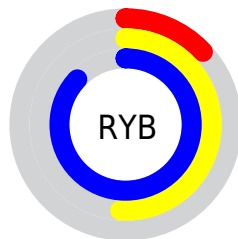
The XYZ color **39.1209, 57.9375, 72.7395** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **31.3501, 16.8828, 3.7060**, and the grayscale version is **35.6285, 37.4839, 40.8200**.

A 20% lighter version of the original color is **61.2812, 82.5916, 107.3196**, and **20.0767, 30.1406, 37.5605** is the 20% darker color. If you saturate the color by 10%, you get **38.5142, 57.6415, 72.0139**, and if you desaturate by 10%, it is **40.1996, 58.4793, 73.4944**.

Distribution



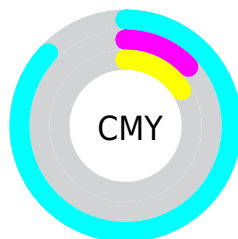
- Red (13%)
- Green (87%)
- Blue (84%)



- Red (13%)
- Yellow (51%)
- Blue (87%)



- Cyan (86%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1209, 57.9375, 72.7395 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 39.1209, 57.9375, 72.7395 by changing the saturation by 10% instead.

39.1209, 57.9375,
72.7395

39.1209, 57.9375,
72.7395

333.6025,
416.9530, 489.1580

27.0349, 41.7584,
53.2725

73.1159, 101.8318,
124.8248

17.7362, 28.9122,
37.6311

95.7556, 130.3159,
158.2802

10.8593, 19.0144,
25.3969

122.6439,
163.6703, 197.2354

6.0389, 11.6807,
16.1513

154.1463,
202.2796, 242.1089

2.9096, 6.5266,
9.4758

190.6279,
246.5282, 293.3195

1.1062, 3.1679,
4.9518

232.4543,

0.0303, 1.2200,

296.8003, 351.2855

2.1607

279.9907,
353.4804, 416.4255

■ 0.0000, 0.0779,
0.6516

■ 0.0000, 0.0000,
0.0000

■ 39.1209, 57.9375,
72.7395

■ 39.1209, 57.9375,
72.7395

■ 38.5142, 57.6415,
72.0139

■ 40.1996, 58.4793,
73.4944

■ 38.3345, 57.5556,
71.7024

■ 41.8266, 59.3024,
74.2781

■ 44.0699, 60.4431,
75.0953

■ 46.9864, 61.9308,
75.9485

■ 50.6266, 63.7914,
76.8401

■ 55.0359, 66.0484,
77.7723

■ 60.2564, 68.7235,
78.7470

■ 66.3268, 71.8366,
79.7660

■ 73.2835, 75.4066,
80.8312

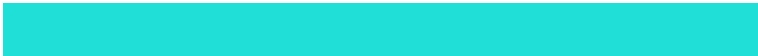
Harmonies

Analogous

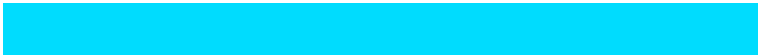
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.7434, 57.9375, 47.1413



39.1209, 57.9375, 72.7395



42.3847, 57.9375, 102.7944

Triad

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



39.1209, 57.9375, 72.7395



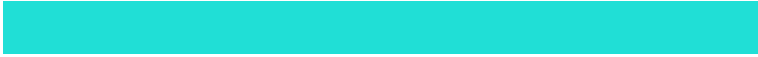
67.5928, 57.9375, 111.4532



61.4122, 57.9375, 25.8212

Complementary

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



39.1209, 57.9375, 72.7395



31.3501, 16.8828, 3.7060

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.



70.0580, 57.9375, 35.1981



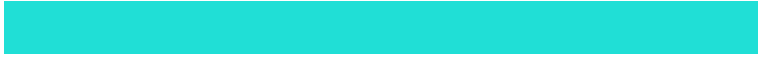
39.1209, 57.9375, 72.7395



73.8981, 57.9375, 82.2683

Square

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



39.1209, 57.9375, 72.7395



58.3434, 57.9375, 129.0031



74.8484, 57.9375, 54.3233



51.9173, 57.9375, 24.6127

Rectangle

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



39.1209, 57.9375, 72.7395



46.5696, 57.9375, 119.5622



74.8484, 57.9375, 54.3233



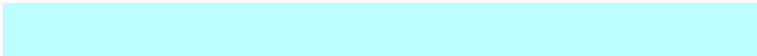
64.5418, 57.9375, 27.9626

Sweetspot

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



39.1226, 57.9397, 72.7409



74.2228, 89.3208, 105.3204



27.5868, 53.3647, 10.2142



15.4188, 18.8787, 22.4474



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.



39.1226, 57.9397, 72.7409



51.9348, 77.9899, 97.0952



22.8702, 23.5437, 73.1535



14.0872, 15.5606, 17.4944



22.5515, 33.8454, 42.2226



1.5719, 2.3495, 2.9726

Inverse Universe

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



31.3501, 16.8828, 3.7060



41.3065, 21.2866, 2.2801



37.1673, 28.7407, 4.9564



13.7333, 13.7109, 14.3657



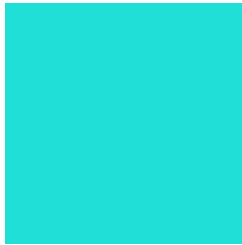
17.9386, 9.2425, 1.0766



1.2528, 0.6444, 0.1239

Previews

White Background



This preview shows how the XYZ color 39.1209, 57.9375, 72.7395 looks on a white background.

Color Contrast Check

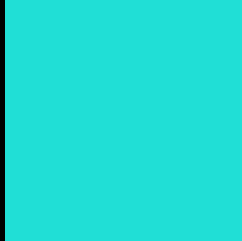
Large Text (above 18pt) WCAG AA × Fail

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 39.1209, 57.9375, 72.7395 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

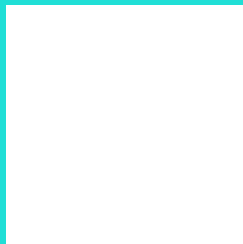
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1209, 57.9375, 72.7395

Background



This preview shows how black text looks on a background with the XYZ color 39.1209, 57.9375, 72.7395.

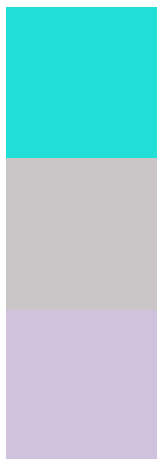


This preview shows how white text looks on a background with the XYZ color 39.1209, 57.9375,

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

39.1209, 57.9375, 72.7395

Protanopia

54.8600, 57.0682, 62.1567

Deuteranopia

58.1335, 56.7703, 76.3004



Tritanopia

42.2485, 57.6182, 89.0155

Trichromacy



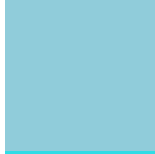
Original Color

39.1209, 57.9375, 72.7395



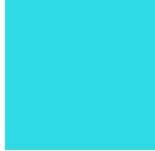
Protanomaly

44.0271, 54.5607, 65.3375



Deuteranomaly

45.7494, 54.1770, 74.3756



Tritanomaly

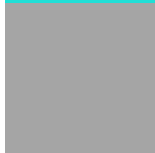
40.9083, 57.4479, 83.0612

Monochromacy



Original Color

39.1209, 57.9375, 72.7395



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

33.4423, 42.3186, 51.2055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1209, 57.9375, 72.7395 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(32, 223, 214)` looks like.

```
.text, #text, p{  
    color:rgb(32, 223, 214)  
}
```

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(32, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 223, 214) }
```

Border

The CSS property to change the border of an element to XYZ 39.1209, 57.9375, 72.7395 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(32, 223, 214) }
```


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

```
.border{ border-color:rgb(32, 223, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 223, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(32, 223,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1209, 57.9375, 72.7395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 223, 214) }
```

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

```
.background{ background-color: rgb(32, 223,  
214) }
```

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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