

Converting Colors

XYZ(39.1880, 57.0808, 77.3584)

Have a look what the booklet for
XYZ(39.1880, 57.0808, 77.3584)
contains.

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Color

**XYZ(39.1961, 57.0821,
77.3587)**

Conversions

Conversions Part 1

Format	Color
Hex	14DDDD
RGB	20, 221, 221
RGB Percent	8%, 87%, 87%
CMY	0.9214, 0.1333, 0.1333
CMYK	0.91, 0.00, 0.00, 0.13
HSL	180°, 83%, 47%
HSV	180°, 91%, 87%
XYZ	39.1961, 57.0821, 77.3587
YIQ	160.9010, -119.7960, -42.6120

Conversions

Conversions Part 2

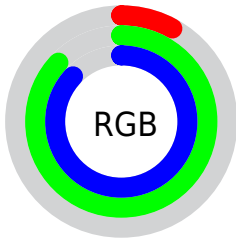
Format	Color
RYB	20, 121, 221
Decimal	1367517
CIELab	80.23, -42.60, -12.56
CIELCh	80, 44.411, 196.423
Yxy	57.0821, 0.2257, 0.3287
Android (android.graphics.Color)	4279557597 (0xFF14DDDD)
YUV	160.9010, 29.6288, -123.5702
Hunter-Lab	75.5527, -39.6129, -7.8204

Details

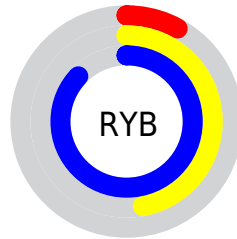
The XYZ color **39.1961, 57.0821, 77.3587** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **30.1971, 15.9248, 2.1457**, and the grayscale version is **33.7424, 35.4996, 38.6590**.

A 20% lighter version of the original color is **60.8802, 82.3848, 107.3009**, and **20.3381, 29.6634, 40.7301** is the 20% darker color. If you saturate the color by 10%, you get **38.9086, 56.9351, 77.3464**, and if you desaturate by 10%, it is **39.8690, 57.4302, 77.3916**.

Distribution



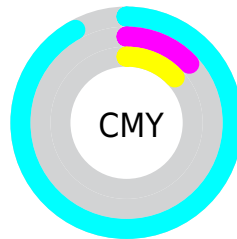
- Red (8%)
- Green (87%)
- Blue (87%)



- Red (8%)
- Yellow (47%)
- Blue (87%)



- Cyan (91%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)





- Cyan (92%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1961, 57.0821, 77.3587 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 39.1961, 57.0821, 77.3587 by changing the saturation by 10% instead.


 39.1961, 57.0821,
77.3587


 39.1961, 57.0821,
77.3587


333.9163,
413.7569, 505.4563


 27.0937, 41.0712,
57.0340


 73.2300, 100.5850,
131.4233


 17.7806, 28.3747,
40.6230


 95.8921, 128.8457,
166.0003

 10.8913, 18.6083,
27.7071


 122.8050,
161.9585, 206.1652

 6.0605, 11.3876,
17.8679

 154.3338,
200.3077, 252.3365

 2.9229, 6.3282,
10.6867

 190.8440,
244.2777, 304.9327

 1.1131, 3.0456,
5.7451

232.7009,

 0.0361, 1.1556,

294.2530, 364.3723

2.6244

280.2699,
350.6179, 431.0740

■ 0.0000, 0.0250,
0.9050

■ 0.0000, 0.0000,
0.0000

■ 39.1961, 57.0821,
77.3587

■ 39.1961, 57.0821,
77.3587

■ 38.9086, 56.9351,
77.3464

■ 39.8690, 57.4302,
77.3916

■ 41.0384, 58.0330,
77.4465

■ 42.7774, 58.9296,
77.5280

■ 45.1462, 60.1507,
77.6390

■ 48.1971, 61.7235,
77.7819

■ 51.9771, 63.6721,
77.9589

■ 56.5289, 66.0187,
78.1721

■ 61.8921, 68.7835,
78.4232

■ 68.1034, 71.9855,
78.7140

Harmonies

Analogous

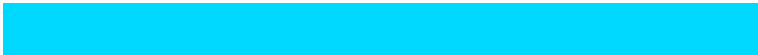
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.0161, 57.0821, 51.1563



39.1961, 57.0821, 77.3587



43.1061, 57.0821, 105.7765

Triad

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



39.1961, 57.0821, 77.3587



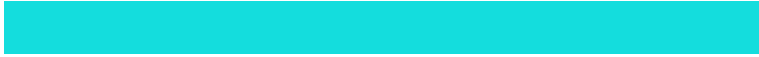
67.8850, 57.0821, 103.2981



58.4499, 57.0821, 25.1649

Complementary

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



39.1961, 57.0821, 77.3587



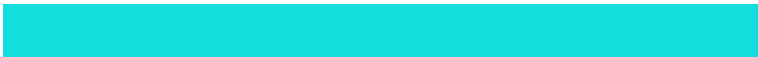
30.1971, 15.9248, 2.1457

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.



67.1770, 57.0821, 32.5529



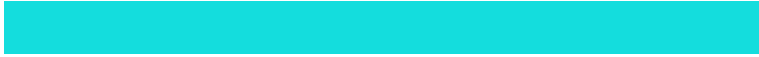
39.1961, 57.0821, 77.3587



73.0201, 57.0821, 74.6218

Square

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



39.1961, 57.0821, 77.3587



59.3327, 57.0821, 123.3735



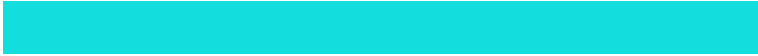
72.7474, 57.0821, 49.0826



49.4753, 57.0821, 25.5176

Rectangle

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



39.1961, 57.0821, 77.3587



47.5782, 57.0821, 120.0392



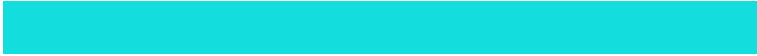
72.7474, 57.0821, 49.0826



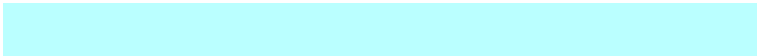
61.5286, 57.0821, 26.7126

Sweetspot

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



39.1978, 57.0842, 77.3601



74.0961, 89.1979, 107.9189



26.3461, 51.9520, 9.3026



15.4201, 18.8654, 23.0785



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.



39.1978, 57.0842, 77.3601



53.8096, 78.7399, 106.9682



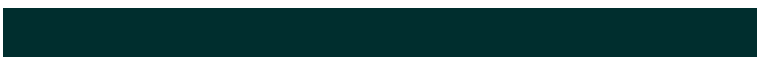
20.5319, 19.7520, 71.1392



13.4449, 14.8296, 16.8059



22.6018, 33.0734, 44.9302



1.4643, 2.1427, 2.9108

Inverse Universe

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



30.1971, 15.9248, 2.1457



41.2400, 21.2600, 1.9301



36.3274, 28.1853, 4.1891



13.0561, 13.0515, 13.5567



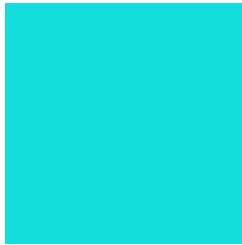
17.3222, 8.9299, 0.8107



1.1222, 0.5785, 0.0525

Previews

White Background



This preview shows how the XYZ color 39.1961, 57.0821, 77.3587 looks on a white background.

Color Contrast Check

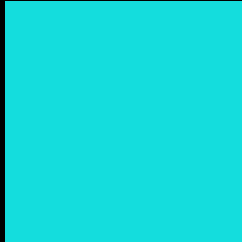
Large Text (above 18pt) WCAG AA × Fail

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 39.1961, 57.0821, 77.3587 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

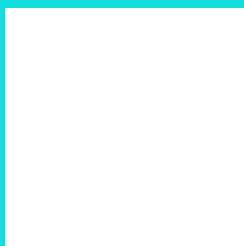
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1961, 57.0821, 77.3587

Background



This preview shows how black text looks on a background with the XYZ color 39.1961, 57.0821, 77.3587.

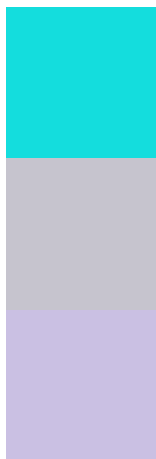


This preview shows how white text looks on a background with the XYZ color 39.1961, 57.0821,

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

39.1961, 57.0821, 77.3587

Protanopia

54.1692, 55.9419, 66.3354

Deuteranopia

57.0719, 55.8019, 80.4359



Tritanopia

41.5105, 57.2546, 88.2203

Trichromacy



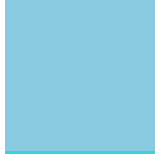
Original Color

39.1961, 57.0821, 77.3587



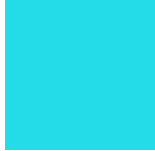
Protanomaly

43.2621, 53.3523, 69.6459



Deuteranomaly

45.0999, 53.3824, 79.1610



Tritanomaly

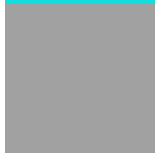
40.7101, 57.3132, 84.5182

Monochromacy



Original Color

39.1961, 57.0821, 77.3587



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.9111, 40.6009, 50.9546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1961, 57.0821, 77.3587 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(20, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(20, 221, 221)  
}
```

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(20, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 39.1961, 57.0821, 77.3587 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(20, 221, 221) }
```


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

```
.border{ border-color:rgb(20, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(20, 221,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1961, 57.0821, 77.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 221, 221) }
```

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

```
.background{ background-color: rgb(20, 221,  
221) }
```

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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