

Converting Colors

XYZ(38.4338, 56.0547, 75.9890)

Have a look what the booklet for
XYZ(38.4338, 56.0547, 75.9890)
contains.

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Color

**XYZ(38.3147, 55.8791,
75.7842)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 0FDBDB |
| RGB | 15, 219, 219 |
| RGB Percent | 6%, 86%, 86% |
| CMY | 0.9410, 0.1412, 0.1412 |
| CMYK | 0.93, 0.00, 0.00, 0.14 |
| HSL | 180°, 87%, 46% |
| HSV | 180°, 93%, 86% |
| XYZ | 38.3147, 55.8791, 75.7842 |
| YIQ | 158.0040, -121.5840, -43.2480 |

Conversions

Conversions Part 2

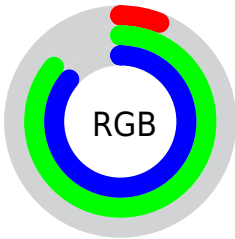
| Format | Color |
|-------------------------------------|--|
| RYB | 15, 117, 219 |
| Decimal | 1039323 |
| CIELab | 79.54, -42.48, -12.51 |
| CIElCh | 80, 44.279, 196.412 |
| Yxy | 55.8791, 0.2254, 0.3287 |
| Android (android.graphics.Color) | 4279229403 (0xFF0FDBDB) |
| YUV | 158.0040, 30.0710, -125.4145 |
| Hunter-Lab | 74.7523, -39.3254, -7.7818 |

Details

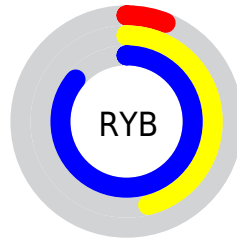
The XYZ color **38.3147, 55.8791, 75.7842** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **29.4723, 15.4379, 1.8799**, and the grayscale version is **32.4147, 34.1028, 37.1379**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **19.7980, 28.8747, 39.6519** is the 20% darker color. If you saturate the color by 10%, you get **38.1187, 55.7793, 75.7762**, and if you desaturate by 10%, it is **38.8796, 56.1715, 75.8120**.

Distribution



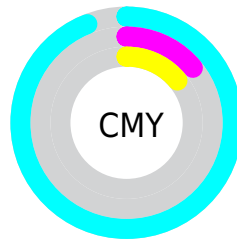
- Red (6%)
- Green (86%)
- Blue (86%)



- Red (6%)
- Yellow (46%)
- Blue (86%)



- Cyan (93%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (94%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3147, 55.8791, 75.7842 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 38.3147, 55.8791, 75.7842 by changing the saturation by 10% instead.

38.3147, 55.8791,
75.7842

38.3147, 55.8791,
75.7842

330.2256,
409.2357, 499.9358

26.4053, 40.1060,
55.7500

71.8910, 98.8278,
129.1791

17.2614, 27.6212,
39.5998

94.2887, 126.7722,
163.3769

10.5175, 18.0403,
26.9153

120.9132,
159.5424, 203.1329

5.8083, 10.9789,
17.2777

152.1299,
197.5229, 248.8657

2.7684, 6.0527,
10.2687

188.3041,
241.0981, 300.9939

1.0325, 2.8771,
5.4695

229.8013,

0.0000, 1.0679,

290.6524, 359.9359

2.4618

276.9866,
346.5701, 426.1104

■ 0.0000, 0.0000,
0.8198

■ 0.0000, 0.0000,
0.0000

■ 38.3147, 55.8791,
75.7842

■ 38.3147, 55.8791,
75.7842

■ 38.1187, 55.7793,
75.7762

■ 38.8796, 56.1715,
75.8120

■ 39.9130, 56.7042,
75.8605

■ 41.4900, 57.5172,
75.9344

■ 43.6713, 58.6417,
76.0367

■ 46.5095, 60.1049,
76.1696

■ 50.0516, 61.9309,
76.3355

■ 54.3403, 64.1418,
76.5363

■ 59.4147, 66.7577,
76.7739

■ 65.3115, 69.7976,
77.0500

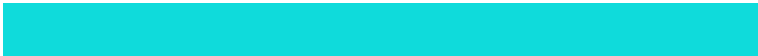
Harmonies

Analogous

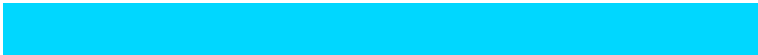
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.1393, 55.8791, 50.0284



38.3147, 55.8791, 75.7842



42.1538, 55.8791, 103.7473

Triad

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



38.3147, 55.8791, 75.7842



66.5112, 55.8791, 101.3268



57.2389, 55.8791, 24.5281

Complementary

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



38.3147, 55.8791, 75.7842



29.4723, 15.4379, 1.8799

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.



65.8202, 55.8791, 31.7758



38.3147, 55.8791, 75.7842



71.5641, 55.8791, 73.1132

Square

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



38.3147, 55.8791, 75.7842



58.1001, 55.8791, 121.0848



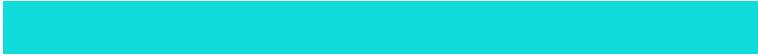
71.2979, 55.8791, 48.0070



48.4168, 55.8791, 24.8711

Rectangle

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



38.3147, 55.8791, 75.7842



46.5468, 55.8791, 117.7917



71.2979, 55.8791, 48.0070



60.2659, 55.8791, 26.0461

Sweetspot

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



38.3164, 55.8812, 75.7855



73.4814, 88.8810, 107.8901



25.6766, 50.8322, 8.9117



15.1871, 18.7453, 23.0676



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.



38.3164, 55.8812, 75.7855



53.8097, 78.7399, 106.9682



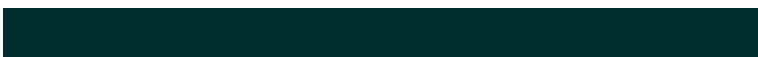
19.7515, 18.7509, 69.5984



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.



29.4723, 15.4379, 1.8799



41.2400, 21.2600, 1.9301



35.2757, 27.0447, 3.8143



13.0561, 13.0515, 13.5567



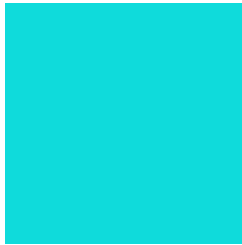
17.3222, 8.9299, 0.8107



1.1222, 0.5785, 0.0525

Previews

White Background



This preview shows how the XYZ color 38.3147, 55.8791, 75.7842 looks on a white background.

Color Contrast Check

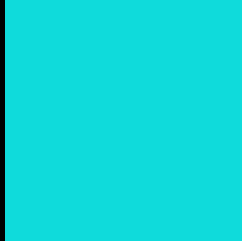
Large Text (above 18pt) WCAG AA × Fail

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 38.3147, 55.8791, 75.7842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

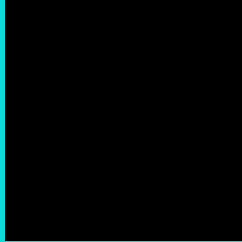
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

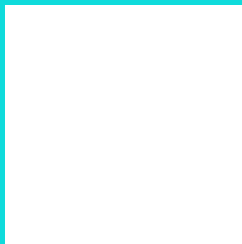
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3147, 55.8791, 75.7842

Background



This preview shows how black text looks on a background with the XYZ color 38.3147, 55.8791, 75.7842.

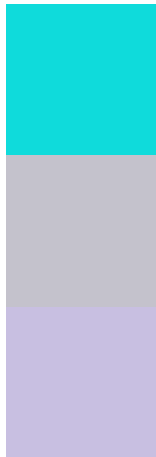


This preview shows how white text looks on a background with the XYZ color 38.3147, 55.8791,

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

38.3147, 55.8791, 75.7842

Protanopia

52.9558, 54.6790, 64.8898

Deuteranopia

56.0408, 54.9772, 78.8922



Tritanopia

40.6190, 56.0585, 86.5214

Trichromacy



Original Color

38.3147, 55.8791, 75.7842



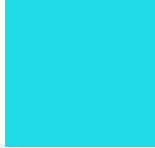
Protanomaly

42.0705, 52.0611, 68.1531



Deuteranomaly

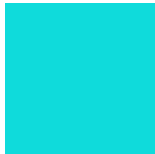
43.8788, 52.0875, 77.5533



Tritanomaly

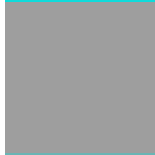
39.8099, 56.1070, 82.8603

Monochromacy



Original Color

38.3147, 55.8791, 75.7842



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

30.5033, 39.0020, 49.1005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3147, 55.8791, 75.7842 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(15, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(15, 219, 219)  
}
```

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(15, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 38.3147, 55.8791, 75.7842 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(15, 219, 219) }
```


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

```
.border{ border-color:rgb(15, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(15, 219,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3147, 55.8791, 75.7842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 219, 219) }
```

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

```
.background{ background-color: rgb(15, 219,  
219) }
```

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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