

Converting Colors

XYZ(37.9376, 55.1171, 75.6581)

Have a look what the booklet for
XYZ(37.9376, 55.1171, 75.6581)
contains.

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Color

**XYZ(38.0546, 55.3588,
75.6975)**

Conversions

Conversions Part 1

Format	Color
Hex	0FDADB
RGB	15, 218, 219
RGB Percent	6%, 85%, 86%
CMY	0.9410, 0.1451, 0.1412
CMYK	0.93, 0.00, 0.00, 0.14
HSL	180°, 87%, 46%
HSV	180°, 93%, 86%
XYZ	38.0546, 55.3588, 75.6975
YIQ	157.4170, -121.3090, -42.7250

Conversions

Conversions Part 2

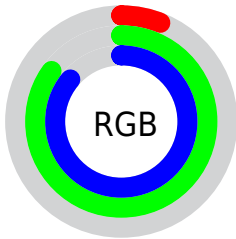
Format	Color
RYB	15, 117, 219
Decimal	1039067
CIELab	79.25, -42.03, -12.96
CIELCh	79, 43.982, 197.132
Yxy	55.3588, 0.2250, 0.3274
Android (android.graphics.Color)	4279229147 (0xFF0FDADB)
YUV	157.4170, 30.3604, -124.8997
Hunter-Lab	74.4035, -38.9101, -8.2387

Details

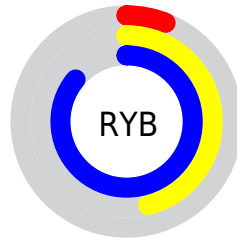
The XYZ color **38.0546, 55.3588, 75.6975** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **29.4863, 15.4668, 1.8848**, and the grayscale version is **32.1487, 33.8229, 36.8332**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **19.6212, 28.5210, 39.5929** is the 20% darker color. If you saturate the color by 10%, you get **37.8395, 55.2207, 75.6832**, and if you desaturate by 10%, it is **38.6473, 55.7068, 75.7345**.

Distribution



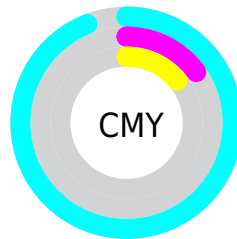
- Red (6%)
- Green (85%)
- Blue (86%)



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



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



- Cyan (94%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0546, 55.3588, 75.6975 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 38.0546, 55.3588, 75.6975 by changing the saturation by 10% instead.

38.0546, 55.3588,
75.6975

38.0546, 55.3588,
75.6975

329.1309,
407.2706, 499.6308

26.2025, 39.6891,
55.6793

71.4952, 98.0665,
129.0554

17.1086, 27.2962,
39.5436

93.8143, 125.8732,
163.2322

10.4078, 17.7958,
26.8718

120.3532,
158.4943, 202.9656

5.7345, 10.8035,
17.2454

151.4772,
196.3143, 248.6741

2.7234, 5.9348,
10.2458

187.5516,
239.7175, 300.7764

1.0092, 2.8055,
5.4545

228.9418,

0.0000, 1.0311,

289.0884, 359.6909

2.4530

276.0131,
344.8113, 425.8362

■ 0.0000, 0.0000,
0.8151

■ 0.0000, 0.0000,
0.0000

■ 38.0546, 55.3588,
75.6975

■ 38.0546, 55.3588,
75.6975

■ 37.8395, 55.2207,
75.6832

■ 38.6473, 55.7068,
75.7345

■ 39.7086, 56.2953,
75.7921

■ 41.3135, 57.1640,
75.8752

■ 43.5227, 58.3442,
75.9866

■ 46.3889, 59.8632,
76.1287

■ 49.9590, 61.7450,
76.3038

■ 54.2756, 64.0118,
76.5138

■ 59.3780, 66.6837,
76.7606

■ 65.3027, 69.7795,
77.0459

Harmonies

Analogous

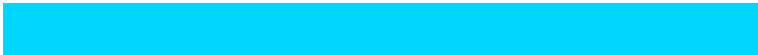
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.7929, 55.3588, 50.1208



38.0546, 55.3588, 75.6975



41.9304, 55.3588, 103.1955

Triad

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



38.0546, 55.3588, 75.6975



66.0096, 55.3588, 99.5924



56.4736, 55.3588, 24.3168

Complementary

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



38.0546, 55.3588, 75.6975



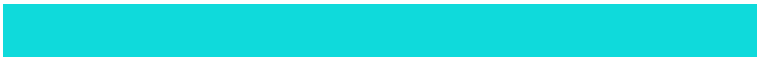
29.4863, 15.4668, 1.8848

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.



64.9803, 55.3588, 31.2923



38.0546, 55.3588, 75.6975



70.8844, 55.3588, 71.7186

Square

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



38.0546, 55.3588, 75.6975



57.7570, 55.3588, 119.4141



70.4880, 55.3588, 47.1061



47.7911, 55.3588, 24.8294

Rectangle

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



38.0546, 55.3588, 75.6975



46.3150, 55.3588, 116.8182



70.4880, 55.3588, 47.1061



59.4660, 55.3588, 25.7586

Sweetspot

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



38.0563, 55.3609, 75.6988



73.3701, 88.6582, 107.8535



25.6162, 50.8004, 8.9089



15.1596, 18.6903, 23.0585



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.



38.0563, 55.3609, 75.6988



53.4130, 77.9461, 106.8377



19.3480, 17.9443, 69.4627



13.4392, 14.8181, 16.8040



22.4392, 32.7479, 44.8767



1.4555, 2.1252, 2.9079

Inverse Universe

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



42.0406, 20.4653, 68.0662



59.0896, 28.3999, 95.9248



35.6643, 27.8228, 3.9442



13.6115, 13.2737, 16.4816



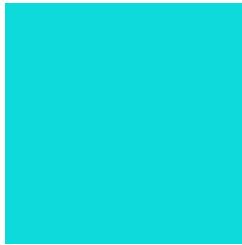
24.8216, 11.9297, 40.3022



1.6090, 0.7732, 2.6158

Previews

White Background



This preview shows how the XYZ color 38.0546, 55.3588, 75.6975 looks on a white background.

Color Contrast Check

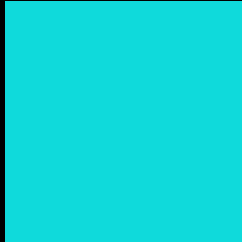
Large Text (above 18pt) WCAG AA × Fail

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 38.0546, 55.3588, 75.6975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

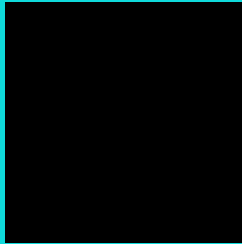
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

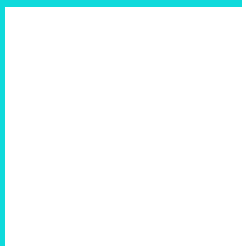
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0546, 55.3588, 75.6975

Background



This preview shows how black text looks on a background with the XYZ color 38.0546, 55.3588, 75.6975.



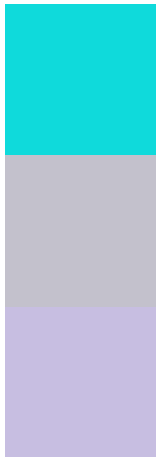
This preview shows how white text looks on a background with the XYZ color 38.0546, 55.3588,

75.6975.

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

38.0546, 55.3588, 75.6975

Protanopia

52.4747, 54.1017, 64.8037

Deuteranopia

55.5573, 54.4053, 78.8072



Tritanopia

40.1783, 55.4663, 85.6793

Trichromacy



Original Color

38.0546, 55.3588, 75.6975



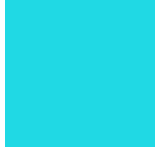
Protanomaly

41.8351, 51.5903, 68.0746



Deuteranomaly

43.4893, 51.5418, 77.4685



Tritanomaly

39.4121, 55.5342, 82.0407

Monochromacy



Original Color

38.0546, 55.3588, 75.6975



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

30.1840, 38.5387, 49.0279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0546, 55.3588, 75.6975 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, 218, 219)` looks like.

```
.text, #text, p{  
    color:rgb(15, 218, 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, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 218, 219) }
```

Border

The CSS property to change the border of an element to XYZ 38.0546, 55.3588, 75.6975 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, 218, 219) }
```


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

```
.border{ border-color:rgb(15, 218, 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, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(15, 218,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0546, 55.3588, 75.6975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 218, 219) }
```

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

```
.background{ background-color: rgb(15, 218,  
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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