

Converting Colors

XYZ(38.3125, 55.3223, 74.6461)

Have a look what the booklet for
XYZ(38.3125, 55.3223, 74.6461)
contains.

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Color

**XYZ(38.5256, 55.6168,
75.0343)**

Conversions

Conversions Part 1

Format	Color
Hex	26DADA
RGB	38, 218, 218
RGB Percent	15%, 85%, 85%
CMY	0.8509, 0.1451, 0.1451
CMYK	0.83, 0.00, 0.00, 0.15
HSL	180°, 71%, 50%
HSV	180°, 83%, 85%
XYZ	38.5256, 55.6168, 75.0343
YIQ	164.1800, -107.2800, -38.1600

Conversions

Conversions Part 2

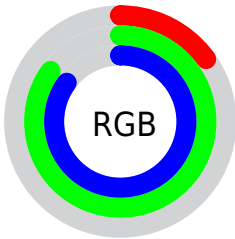
Format	Color
RYB	38, 128, 218
Decimal	2546394
CIELab	79.40, -41.15, -12.18
CIElCh	79, 42.919, 196.490
Yxy	55.6168, 0.2277, 0.3287
Android (android.graphics.Color)	4280736474 (0xFF26DADA)
YUV	164.1800, 26.5333, -110.6599
Hunter-Lab	74.5767, -38.2978, -7.4502

Details

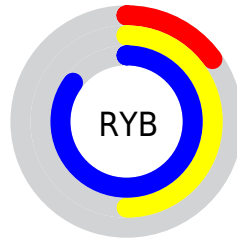
The XYZ color **38.5256, 55.6168, 75.0343** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **29.9582, 16.4333, 3.4283**, and the grayscale version is **35.2896, 37.1274, 40.4318**.

A 20% lighter version of the original color is **61.5557, 82.7331, 107.3325**, and **19.5312, 28.4850, 39.1191** is the 20% darker color. If you saturate the color by 10%, you get **37.9447, 55.3185, 75.0082**, and if you desaturate by 10%, it is **39.5798, 56.1615, 75.0850**.

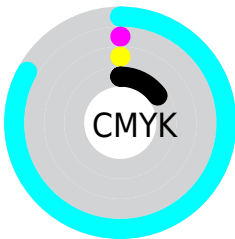
Distribution



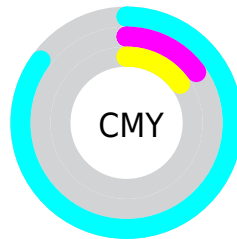
- Red (15%)
- Green (85%)
- Blue (85%)



- Red (15%)
- Yellow (50%)
- Blue (85%)



- Cyan (83%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5256, 55.6168, 75.0343 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 38.5256, 55.6168, 75.0343 by changing the saturation by 10% instead.


 38.5256, 55.6168,
75.0343


 38.5256, 55.6168,
75.0343


331.1113,
408.2458, 497.2940


 26.5699, 39.8958,
55.1391


 72.2118, 98.4441,
128.1085

 17.3854, 27.4573,
39.1137


 94.6730, 126.3191,
162.1245


 10.6067, 17.9170,
26.5397


 121.3667,
159.0143, 201.6845

 5.8683, 10.8904,
16.9985

 152.6584,
196.9140, 247.2071

 2.8051, 5.9932,
10.0714

 188.9133,
240.4026, 299.1109

 1.0515, 2.8409,
5.3401

230.4969,

 0.0000, 1.0493,

289.8645, 357.8142

2.3860

277.7744,
345.6841, 423.7358

■ 0.0000, 0.0000,
0.7788

■ 0.0000, 0.0000,
0.0000

■ 38.5256, 55.6168,
75.0343

■ 38.5256, 55.6168,
75.0343

■ 37.9447, 55.3185,
75.0082

■ 39.5798, 56.1615,
75.0850

■ 37.7273, 55.2065,
74.9980

■ 41.1739, 56.9833,
75.1598

■ 43.3690, 58.1149,
75.2626

■ 46.2168, 59.5830,
75.3960

■ 49.7635, 61.4113,
75.5621

■ 54.0509, 63.6216,
75.7629

■ 59.1178, 66.2337,
76.0002

■ 65.0002, 69.2661,
76.2756

■ 71.7316, 72.7363,
76.5908

Harmonies

Analogous

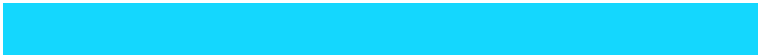
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.3455, 55.6168, 50.1436



38.5256, 55.6168, 75.0343



42.2650, 55.6168, 101.8556

Triad

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



38.5256, 55.6168, 75.0343



65.7988, 55.6168, 99.4106



56.8243, 55.6168, 25.1690

Complementary

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



38.5256, 55.6168, 75.0343



29.9582, 16.4333, 3.4283

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.



65.0971, 55.6168, 32.2721



38.5256, 55.6168, 75.0343



70.6456, 55.6168, 72.3212

Square

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



38.5256, 55.6168, 75.0343



57.7011, 55.6168, 118.3359



70.3757, 55.6168, 48.0734



48.3015, 55.6168, 25.5260

Rectangle

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



38.5256, 55.6168, 75.0343



46.5300, 55.6168, 115.2595



70.3757, 55.6168, 48.0734



59.7440, 55.6168, 26.6586

Sweetspot

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



38.5273, 55.6189, 75.0356



75.3587, 89.8488, 107.9780



26.3375, 50.7563, 10.2440



15.6614, 18.9898, 23.0898



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.



38.5273, 55.6189, 75.0356



53.8416, 78.7563, 106.9696



21.5729, 21.7098, 69.3852



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.



29.9582, 16.4333, 3.4283



41.2817, 21.3209, 2.0129



36.5995, 29.7159, 5.6419



13.0561, 13.0515, 13.5567



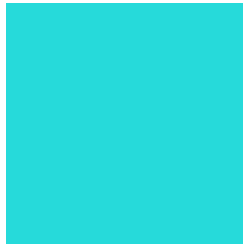
17.3222, 8.9299, 0.8107



1.1222, 0.5785, 0.0525

Previews

White Background



This preview shows how the XYZ color 38.5256, 55.6168, 75.0343 looks on a white background.

Color Contrast Check

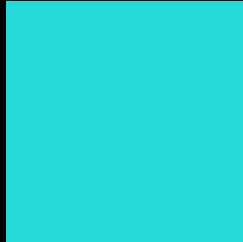
Large Text (above 18pt) WCAG AA × Fail

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 38.5256, 55.6168, 75.0343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

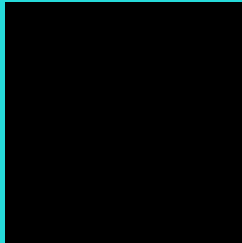
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

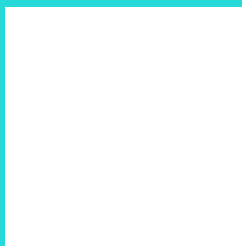
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5256, 55.6168, 75.0343

Background



This preview shows how black text looks on a background with the XYZ color 38.5256, 55.6168, 75.0343.

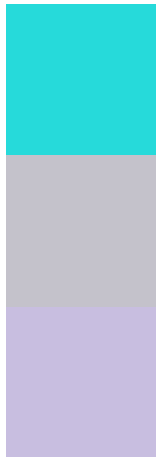


This preview shows how white text looks on a background with the XYZ color 38.5256, 55.6168,

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

38.5256, 55.6168, 75.0343

Protanopia

52.8362, 54.6311, 64.2600

Deuteranopia

55.6874, 54.4881, 78.1032



Tritanopia

40.7320, 55.7518, 85.7052

Trichromacy



Original Color

38.5256, 55.6168, 75.0343



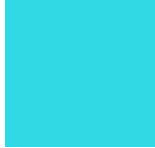
Protanomaly

43.3886, 52.7549, 67.5704



Deuteranomaly

44.8236, 52.2452, 76.8291



Tritanomaly

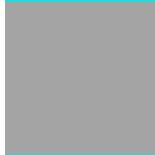
40.0354, 55.8555, 82.0699

Monochromacy



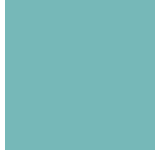
Original Color

38.5256, 55.6168, 75.0343



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.2634, 41.5932, 51.6225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5256, 55.6168, 75.0343 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(38, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(38, 218, 218)  
}
```

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(38, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 38.5256, 55.6168, 75.0343 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(38, 218, 218) }
```


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

```
.border{ border-color:rgb(38, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(38, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5256, 55.6168, 75.0343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 218, 218) }
```

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

```
.background{ background-color: rgb(38, 218,  
218) }
```

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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