

Converting Colors

XYZ(38.4128, 53.5205, 84.6510)

Have a look what the booklet for
XYZ(38.4128, 53.5205, 84.6510)
contains.

XYZ(38.3597, 53.4147, 84.6322)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.3597, 53.4147,
84.6322)**

Conversions

Conversions Part 1

Format	Color
Hex	00D5E8
RGB	0, 213, 232
RGB Percent	0%, 84%, 91%
CMY	0.9998, 0.1647, 0.0902
CMYK	1.00, 0.08, 0.00, 0.09
HSL	185°, 100%, 46%
HSV	185°, 100%, 91%
XYZ	38.3597, 53.4147, 84.6322
YIQ	151.4790, -133.0470, -39.2470

Conversions

Conversions Part 2

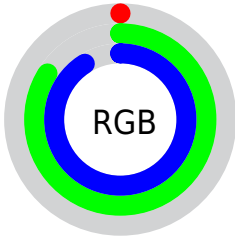
Format	Color
RYB	0, 111, 232
Decimal	54760
CIELab	78.12, -36.19, -21.61
CIELCh	78, 42.149, 210.851
Yxy	53.4147, 0.2175, 0.3028
Android (android.graphics.Color)	4278244840 (0xFF00D5E8)
YUV	151.4790, 39.6969, -132.8471
Hunter-Lab	73.0854, -34.2116, -17.4975

Details

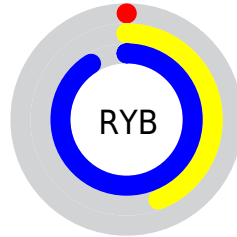
The XYZ color **38.3597, 53.4147, 84.6322** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **33.5133, 17.6238, 1.6370**, and the grayscale version is **29.5046, 31.0411, 33.8038**.

A 20% lighter version of the original color is **60.4921, 82.1847, 107.2827**, and **20.0633, 27.5883, 45.3419** is the 20% darker color. If you saturate the color by 10%, you get **38.3595, 53.4139, 84.6331**, and if you desaturate by 10%, it is **39.2008, 54.5631, 84.8106**.

Distribution



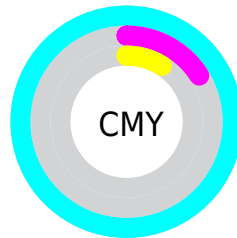
- Red (0%)
- Green (84%)
- Blue (91%)



- Red (0%)
- Yellow (44%)
- Blue (91%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3597, 53.4147, 84.6322 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 38.3597, 53.4147, 84.6322 by changing the saturation by 10% instead.

38.3597, 53.4147,
84.6322

38.3597, 53.4147,
84.6322

330.4147,
399.8741, 530.5231

26.4405, 38.1339,
62.9891

71.9595, 95.2143,
141.7288

17.2878, 26.0866,
45.3915

94.3707, 122.5019,
178.0194

10.5365, 16.8885,
31.4207

121.0100,
154.5607, 220.0295

5.8211, 10.1550,
20.6583

152.2427,
191.7748, 268.1778

2.7762, 5.5019,
12.6856

188.4342,
234.5289, 322.8828

1.0366, 2.5446,
7.0843

229.9498,

0.0000, 0.8989,

283.2072, 384.5630

3.4356

277.1548,
338.1941, 453.6369

■ 0.0000, 0.0000,
1.3211

■ 0.0000, 0.0000,
0.0790

■ 38.3597, 53.4147,
84.6322

■ 38.3597, 53.4147,
84.6322

■ 38.3595, 53.4139,
84.6331

■ 39.2008, 54.5631,
84.8106

■ 40.4754, 55.9423,
85.0096

■ 42.3212, 57.6243,
85.2370

■ 44.8176, 59.6502,
85.4964

■ 48.0314, 62.0542,
85.7911

■ 52.0209, 64.8667,
86.1237

■ 56.8387, 68.1146,
86.4966

■ 62.5325, 71.8226,
86.9123

■ 69.1465, 76.0135,
87.3726

Harmonies

Analogous

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



36.5335, 53.4147, 58.8351



38.3597, 53.4147, 84.6322



43.4449, 53.4147, 107.3964

Triad

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



38.3597, 53.4147, 84.6322



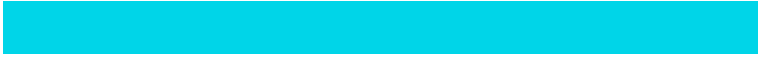
65.8810, 53.4147, 83.1442



50.5345, 53.4147, 23.5953

Complementary

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



38.3597, 53.4147, 84.6322



33.5133, 17.6238, 1.6370

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.



58.8734, 53.4147, 26.8795



38.3597, 53.4147, 84.6322



68.2920, 53.4147, 57.4892

Square

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



38.3597, 53.4147, 84.6322



59.3237, 53.4147, 106.3867



65.6019, 53.4147, 37.8777



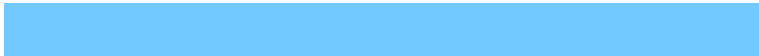
43.0791, 53.4147, 27.2838

Rectangle

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



38.3597, 53.4147, 84.6322



48.2943, 53.4147, 115.3563



65.6019, 53.4147, 37.8777



53.3270, 53.4147, 23.9099

Sweetspot

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



38.3614, 53.4166, 84.6335



70.3185, 84.3312, 107.1791



28.9477, 57.7503, 10.0929



14.4836, 17.6716, 22.8976



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.



38.3614, 53.4166, 84.6335



47.5050, 66.1301, 104.8683



19.1781, 15.0501, 78.2391



14.7012, 16.1237, 18.4817



21.3400, 29.7422, 46.9992



1.6070, 2.2579, 3.4831

Inverse Universe

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



45.2904, 21.9615, 64.8047



56.1075, 27.2070, 80.2214



41.4621, 33.5214, 4.2866



14.9415, 14.5938, 17.8924



25.1650, 12.2002, 36.0933



1.8748, 0.9076, 2.7470

Previews

White Background



This preview shows how the XYZ color 38.3597, 53.4147, 84.6322 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 38.3597, 53.4147, 84.6322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

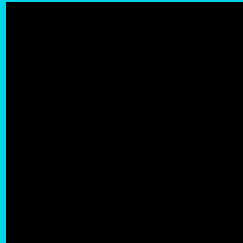
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3597, 53.4147, 84.6322

Background



This preview shows how black text looks on a background with the XYZ color 38.3597, 53.4147, 84.6322.

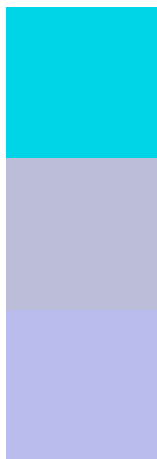


This preview shows how white text looks on a background with the XYZ color 38.3597, 53.4147,

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

38.3597, 53.4147, 84.6322

Protanopia

51.6769, 52.5280, 73.0609

Deuteranopia

53.9094, 52.7043, 88.2205



Tritanopia

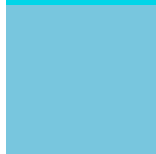
38.0772, 53.3017, 83.1443

Trichromacy



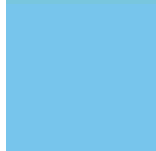
Original Color

38.3597, 53.4147, 84.6322



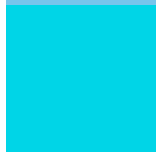
Protanomaly

41.1246, 49.6552, 76.5241



Deuteranomaly

42.7143, 49.9106, 86.7393



Tritanomaly

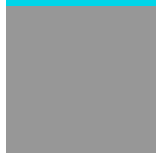
38.2181, 53.3580, 83.8861

Monochromacy



Original Color

38.3597, 53.4147, 84.6322



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

28.1981, 36.0542, 48.6530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3597, 53.4147, 84.6322 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(0, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 232)  
}
```

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(0, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 232) }
```

Border

The CSS property to change the border of an element to XYZ 38.3597, 53.4147, 84.6322 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(0, 213, 232) }
```


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

```
.border{ border-color:rgb(0, 213, 232) }
```

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

Here you see how a box with a 4 pixel rgb(0, 213, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3597, 53.4147, 84.6322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 232) }
```

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

```
.background{ background-color: rgb(0, 213,  
232) }
```

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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