

Converting Colors

XYZ(38.3511, 53.4179, 55.1834)

Have a look what the booklet for
XYZ(38.3511, 53.4179, 55.1834)
contains.

XYZ(38.3273, 53.3022, 55.2820)	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(38.3273, 53.3022,
55.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD3BB
RGB	107, 211, 187
RGB Percent	42%, 83%, 73%
CMY	0.5804, 0.1725, 0.2667
CMYK	0.49, 0.00, 0.11, 0.17
HSL	166°, 54%, 62%
HSV	166°, 49%, 83%
XYZ	38.3273, 53.3022, 55.2820
YIQ	177.1680, -54.2800, -29.5120

Conversions

Conversions Part 2

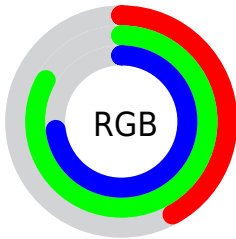
Format	Color
RYB	107, 166, 211
Decimal	7066555
CIELab	78.05, -36.00, 2.61
CIELCh	78, 36.099, 175.858
Yxy	53.3022, 0.2609, 0.3628
Android (android.graphics.Color)	4285256635 (0xFF6BD3BB)
YUV	177.1680, 4.8472, -61.5373
Hunter-Lab	73.0084, -34.0572, 6.2114

Details

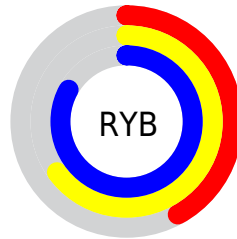
The XYZ color **38.3273, 53.3022, 55.2820** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.2202, 26.0044, 24.5850**, and the grayscale version is **41.8752, 44.0560, 47.9770**.

A 20% lighter version of the original color is **67.2475, 85.8836, 97.8269**, and **17.3183, 26.0790, 26.6752** is the 20% darker color. If you saturate the color by 10%, you get **35.5812, 51.9471, 52.4789**, and if you desaturate by 10%, it is **41.7131, 54.9877, 58.2096**.

Distribution



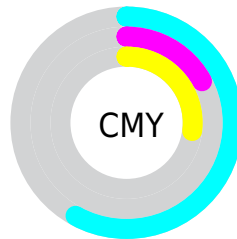
- Red (42%)
- Green (83%)
- Blue (73%)



- Red (42%)
- Yellow (65%)
- Blue (83%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)





- Cyan (58%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3273, 53.3022, 55.2820 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 38.3273, 53.3022, 55.2820 by changing the saturation by 10% instead.

 38.3273, 53.3022,
55.2820


 38.3273, 53.3022,
55.2820

330.2786,
399.4435, 424.2920


 26.4152, 38.0441,
39.2274


 71.9102, 95.0489,
99.4293

 17.2688, 26.0169,
26.6275


 94.3117, 122.3063,
128.3591

 10.5228, 16.8363,
17.0637

 120.9403,
154.3322, 162.4177

 5.8119, 10.1178,
10.1175

152.1615,
191.5110, 202.0237

 2.7706, 5.4772,
5.3703

188.3406,
234.2271, 247.5956

 1.0336, 2.5299,
2.4036

229.8429,

 0.0000, 0.8915,

282.8650, 299.5519

0.7884

277.0337,
337.8090, 358.3112

■ 0.0000, 0.0000,
0.0000

■ 38.3273, 53.3022,
55.2820

■ 38.3273, 53.3022,
55.2820

■ 35.5812, 51.9471,
52.4789

■ 41.7131, 54.9877,
58.2096

■ 33.4241, 50.8923,
49.7937

■ 45.7753, 57.0185,
61.2610

■ 31.8053, 50.1129,
47.2241


■ 50.5533, 59.4163,
64.4398


■ 30.6630, 49.5773,
44.7663


■ 56.0821, 62.1989,
67.7488

■ 29.8938, 49.2320,
42.4147


■ 62.3943, 65.3834,
71.1902

 29.8441, 49.2099,
42.2509

 69.5207, 68.9854,
74.7663

 77.4902, 73.0199,
78.4794

 78.2571, 73.3391,
81.9536

 78.9349, 73.6103,
85.5227

Harmonies

Analogous

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



40.2664, 53.3022, 38.8882



38.3273, 53.3022, 55.2820



39.4334, 53.3022, 76.6355

Triad

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



38.3273, 53.3022, 55.2820



56.7968, 53.3022, 100.3690



58.6438, 53.3022, 31.5057

Complementary

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



38.3273, 53.3022, 55.2820



36.2202, 26.0044, 24.5850

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.



63.8426, 53.3022, 42.7210



38.3273, 53.3022, 55.2820



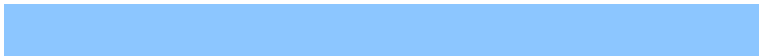
62.7088, 53.3022, 82.6217

Square

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



38.3273, 53.3022, 55.2820



49.6908, 53.3022, 105.9131



65.3946, 53.3022, 60.8821



51.6461, 53.3022, 27.3272

Rectangle

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



38.3273, 53.3022, 55.2820



41.8092, 53.3022, 90.5306



65.3946, 53.3022, 60.8821



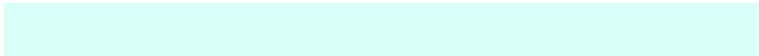
60.6841, 53.3022, 34.4298

Sweetspot

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



38.3288, 53.3043, 55.2832



80.9620, 92.8978, 100.9914



35.3512, 52.4989, 22.1809



16.9526, 19.6945, 21.3864



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.



38.3288, 53.3043, 55.2832



54.4881, 79.6781, 80.4108



34.8114, 41.8079, 67.8654



12.0368, 13.3585, 14.5501



18.0511, 29.7134, 25.7128



1.0385, 1.6730, 1.5912

Inverse Universe

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



36.2202, 26.0044, 24.5850



50.9260, 33.1438, 28.2438



38.1463, 32.1656, 18.1089



11.9189, 11.8523, 12.8489



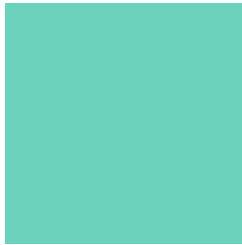
16.5760, 8.5032, 2.6734



0.9581, 0.4880, 0.3141

Previews

White Background



This preview shows how the XYZ color 38.3273, 53.3022, 55.2820 looks on a white background.

Color Contrast Check

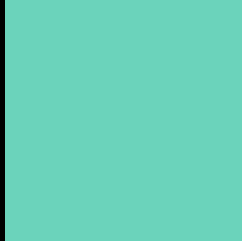
Large Text (above 18pt) WCAG AA × Fail

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 38.3273, 53.3022, 55.2820 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

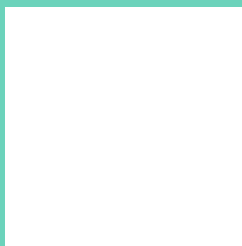
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3273, 53.3022, 55.2820

Background



This preview shows how black text looks on a background with the XYZ color 38.3273, 53.3022, 55.2820.

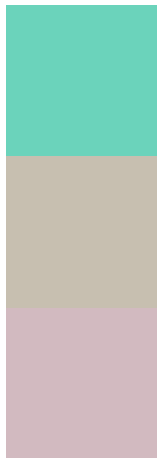


This preview shows how white text looks on a background with the XYZ color 38.3273, 53.3022,

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

38.3273, 53.3022, 55.2820

Protanopia

50.0205, 52.5383, 48.5788

Deuteranopia

53.6517, 52.6252, 57.1991



Tritanopia

42.8618, 53.3219, 77.8451

Trichromacy



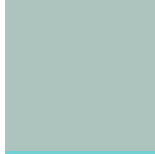
Original Color

38.3273, 53.3022, 55.2820



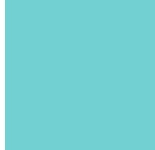
Protanomaly

44.1582, 51.7904, 50.8492



Deuteranomaly

46.0430, 51.6322, 56.2545



Tritanomaly

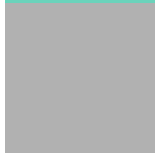
41.1282, 53.3423, 69.1012

Monochromacy



Original Color

38.3273, 53.3022, 55.2820



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

39.4870, 46.4068, 50.5923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3273, 53.3022, 55.2820 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(107, 211, 187)` looks like.

```
.text, #text, p{  
    color:rgb(107, 211, 187)  
}
```

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(107, 211, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 211, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.3273, 53.3022, 55.2820 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(107, 211, 187) }
```


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

```
.border{ border-color:rgb(107, 211, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 211, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 211, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 211, 187);  
box-shadow:4px 4px 4px 4px rgb(107, 211,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3273, 53.3022, 55.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 211, 187) }
```

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

```
.background{ background-color: rgb(107,  
211, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor