

Converting Colors

XYZ(38.6468, 53.0842, 79.6859)

Have a look what the booklet for
XYZ(38.6468, 53.0842, 79.6859)
contains.

XYZ(38.5158, 52.8655, 79.4082)	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(38.5158, 52.8655,
79.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	38D3E1
RGB	56, 211, 225
RGB Percent	22%, 83%, 88%
CMY	0.7803, 0.1725, 0.1176
CMYK	0.75, 0.06, 0.00, 0.12
HSL	185°, 74%, 55%
HSV	185°, 75%, 88%
XYZ	38.5158, 52.8655, 79.4082
YIQ	166.2510, -96.8740, -28.5060

Conversions

Conversions Part 2

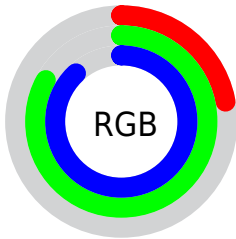
Format	Color
RYB	56, 137, 225
Decimal	3724257
CIELab	77.80, -34.29, -18.31
CIElCh	78, 38.871, 208.099
Yxy	52.8655, 0.2255, 0.3095
Android (android.graphics.Color)	4281914337 (0xFF38D3E1)
YUV	166.2510, 28.9633, -96.6901
Hunter-Lab	72.7087, -32.6838, -13.8570

Details

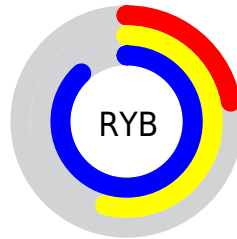
The XYZ color **38.5158, 52.8655, 79.4082** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **33.9568, 20.6753, 5.9442**, and the grayscale version is **36.2673, 38.1560, 41.5519**.

A 20% lighter version of the original color is **62.8633, 83.4071, 107.3937**, and **19.1442, 26.6792, 42.1708** is the 20% darker color. If you saturate the color by 10%, you get **37.0692, 51.4374, 79.2098**, and if you desaturate by 10%, it is **40.5357, 54.5993, 79.6374**.

Distribution



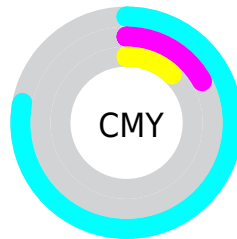
- Red (22%)
- Green (83%)
- Blue (88%)



- Red (22%)
- Yellow (54%)
- Blue (88%)



- Cyan (75%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)





- Cyan (78%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5158, 52.8655, 79.4082 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 38.5158, 52.8655, 79.4082 by changing the saturation by 10% instead.


 38.5158, 52.8655,
79.4082


 38.5158, 52.8655,
79.4082


331.0702,
397.7689, 512.5903


 26.5623, 37.6954,
58.7082

 72.1969, 94.4064,
134.3372


 17.3796, 25.7464,
41.9598


 94.6551, 121.5460,
169.4033

 10.6025, 16.6340,
28.7445


 121.3457,
153.4443, 210.0952

 5.8655, 9.9739,
18.6437

 152.6338,
190.4856, 256.8314

 2.8034, 5.3816,
11.2389

188.8850,
233.0543, 310.0305

 1.0507, 2.4729,
6.1116

230.4646,

 0.0000, 0.8630,

281.5348, 370.1110

2.8432

277.7379,
336.3115, 437.4914

■ 0.0000, 0.0000,
1.0151

■ 0.0000, 0.0000,
0.0000

■ 38.5158, 52.8655,
79.4082

■ 38.5158, 52.8655,
79.4082

■ 37.0692, 51.4374,
79.2098

■ 40.5357, 54.5993,
79.6374


■ 36.1085, 50.2667,
79.0344


■ 43.1911, 56.6676,
79.8967

■ 35.7496, 49.7539,
78.9544


■ 46.5414, 59.1022,
80.1900


■ 50.6379, 61.9295,
80.5198

 55.5269, 65.1734,
80.8883

 61.2511, 68.8560,
81.2974

 67.8500, 72.9977,
81.7490

 75.3608, 77.6176,
82.2449

 82.5130, 82.0608,
82.7255

Harmonies

Analogous

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



37.1092, 52.8655, 56.1956



38.5158, 52.8655, 79.4082



42.9706, 52.8655, 100.4797

Triad

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



38.5158, 52.8655, 79.4082



63.5829, 52.8655, 82.4004



50.7294, 52.8655, 25.2449

Complementary

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



38.5158, 52.8655, 79.4082



33.9568, 20.6753, 5.9442

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.



58.3018, 52.8655, 29.0249



38.5158, 52.8655, 79.4082



66.1688, 52.8655, 58.9495

Square

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



38.5158, 52.8655, 79.4082



57.3871, 52.8655, 102.4891



64.1470, 52.8655, 40.1414



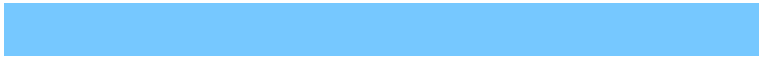
43.7253, 52.8655, 28.1613

Rectangle

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



38.5158, 52.8655, 79.4082



47.3171, 52.8655, 108.4784



64.1470, 52.8655, 40.1414



53.2955, 52.8655, 25.7500

Sweetspot

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



38.5175, 52.8675, 79.4095



75.1357, 87.4620, 107.5295



29.5788, 55.1009, 14.4309



15.5330, 18.3621, 22.9755



0.0000, 0.0000, 0.0000



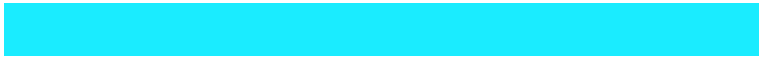
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.5175, 52.8675, 79.4095



48.4556, 67.4176, 105.0668



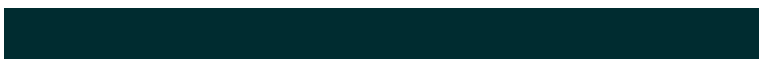
23.1046, 22.0418, 74.2719



14.0144, 15.3679, 17.6153



20.6420, 28.7535, 45.5104



1.4599, 2.0512, 3.1642

Inverse Universe

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



44.2248, 23.5408, 63.8428



56.7371, 28.0323, 81.7688



42.9574, 38.6764, 8.9444



14.2435, 13.9150, 17.0523



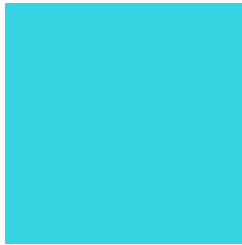
24.3593, 11.8107, 34.8876



1.7031, 0.8245, 2.4955

Previews

White Background



This preview shows how the XYZ color 38.5158, 52.8655, 79.4082 looks on a white background.

Color Contrast Check

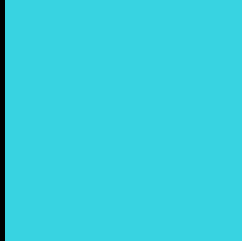
Large Text (above 18pt) WCAG AA × Fail

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 38.5158, 52.8655, 79.4082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

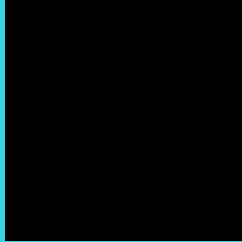
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5158, 52.8655, 79.4082

Background



This preview shows how black text looks on a background with the XYZ color 38.5158, 52.8655, 79.4082.



This preview shows how white text looks on a background with the XYZ color 38.5158, 52.8655,

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

38.5158, 52.8655, 79.4082

Protanopia

50.6945, 51.7897, 68.9525

Deuteranopia

53.2885, 52.2010, 82.1301



Tritanopia

39.0428, 53.0895, 81.5883

Trichromacy



Original Color

38.5158, 52.8655, 79.4082



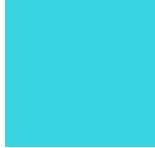
Protanomaly

43.1761, 50.4658, 72.4310



Deuteranomaly

44.7280, 50.7440, 80.8359



Tritanomaly

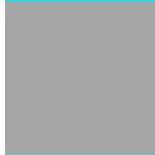
38.8467, 53.0044, 80.8565

Monochromacy



Original Color

38.5158, 52.8655, 79.4082



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

34.3018, 41.4794, 53.2121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5158, 52.8655, 79.4082 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(56, 211, 225)` looks like.

```
.text, #text, p{  
    color:rgb(56, 211, 225)  
}
```

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(56, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 211, 225) }
```

Border

The CSS property to change the border of an element to XYZ 38.5158, 52.8655, 79.4082 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(56, 211, 225) }
```


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

```
.border{ border-color:rgb(56, 211, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 211, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 211, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 211, 225);  
box-shadow:4px 4px 4px 4px rgb(56, 211,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5158, 52.8655, 79.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 211, 225) }
```

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

```
.background{ background-color: rgb(56, 211,  
225) }
```

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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