

Converting Colors

XYZ(38.1556, 53.6218, 53.7477)

Have a look what the booklet for
XYZ(38.1556, 53.6218, 53.7477)
contains.

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Color

**XYZ(38.1391, 53.6118,
53.6854)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD4B8
RGB	106, 212, 184
RGB Percent	42%, 83%, 72%
CMY	0.5843, 0.1686, 0.2784
CMYK	0.50, 0.00, 0.13, 0.17
HSL	164°, 55%, 62%
HSV	164°, 50%, 83%
XYZ	38.1391, 53.6118, 53.6854
YIQ	177.1140, -54.1880, -31.1800

Conversions

Conversions Part 2

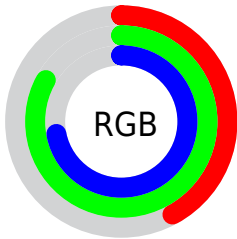
Format	Color
RYB	106, 167, 212
Decimal	7001272
CIELab	78.23, -37.39, 4.47
CIELCh	78, 37.660, 173.180
Yxy	53.6118, 0.2622, 0.3686
Android (android.graphics.Color)	4285191352 (0xFF6AD4B8)
YUV	177.1140, 3.3948, -62.3670
Hunter-Lab	73.2201, -35.1575, 7.7823

Details

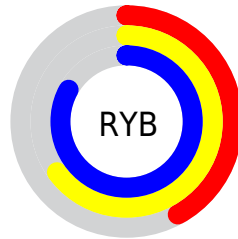
The XYZ color **38.1391, 53.6118, 53.6854** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **36.6103, 26.0278, 25.6507**, and the grayscale version is **41.8543, 44.0339, 47.9530**.

A 20% lighter version of the original color is **66.7980, 85.7038, 95.4599**, and **17.1924, 26.2881, 25.6407** is the 20% darker color. If you saturate the color by 10%, you get **35.3491, 52.2414, 50.5515**, and if you desaturate by 10%, it is **41.5781, 55.3168, 56.9734**.

Distribution



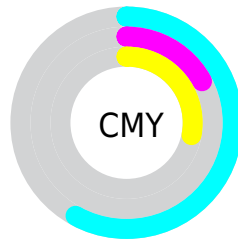
- Red (42%)
- Green (83%)
- Blue (72%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)



- Cyan (58%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1391, 53.6118, 53.6854 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 38.1391, 53.6118, 53.6854 by changing the saturation by 10% instead.

■ 38.1391, 53.6118,
53.6854

■ 38.1391, 53.6118,
53.6854

329.4868,
400.6280, 418.0499

■ 26.2684, 38.2914,
37.9587

■ 71.6238, 95.5040,
97.0639

■ 17.1583, 26.2089,
25.6491

■ 93.9685, 122.8446,
125.5528

■ 10.4434, 16.9800,
16.3379

■ 120.5352,
154.9607, 159.1329

■ 5.7584, 10.2202,
9.6066

151.6894,
192.2368, 198.2227

■ 2.7380, 5.5452,
5.0368

187.7962,
235.0571, 243.2408

■ 1.0168, 2.5706,
2.2097

229.2212,

■ 0.0000, 0.9119,

283.8062, 294.6056

0.6800

276.3296,
338.8683, 352.7358

■ 0.0000, 0.0000,
0.0000

■ 38.1391, 53.6118,
53.6854

■ 38.1391, 53.6118,
53.6854

■ 35.3491, 52.2414,
50.5515

■ 41.5781, 55.3168,
56.9734

■ 33.1566, 51.1749,
47.5644

■ 45.7037, 57.3718,
60.4150

■ 31.5094, 50.3870,
44.7213


■ 50.5561, 59.7986,
64.0147


■ 30.3440, 49.8448,
42.0179


■ 56.1710, 62.6158,
67.7755

■ 29.5451, 49.4890,
39.4473


■ 62.5816, 65.8403,
71.7001

 29.5450, 49.4890,
39.4471

 69.8192, 69.4884,
75.7915

 77.9133, 73.5751,
80.0521

 78.9001, 73.9950,
84.1105

 79.6941, 74.3126,
88.2916

Harmonies

Analogous

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



40.4316, 53.6118, 37.2703



38.1391, 53.6118, 53.6854



39.0061, 53.6118, 75.8540

Triad

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



38.1391, 53.6118, 53.6854



56.7415, 53.6118, 104.2045



59.9313, 53.6118, 31.5362

Complementary

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



38.1391, 53.6118, 53.6854



36.6103, 26.0278, 25.6507

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.



65.1277, 53.6118, 43.8098



38.1391, 53.6118, 53.6854



63.1655, 53.6118, 86.2365

Square

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



38.1391, 53.6118, 53.6854



49.2918, 53.6118, 108.6662



66.3649, 53.6118, 63.3282



52.6581, 53.6118, 26.6342

Rectangle

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



38.1391, 53.6118, 53.6854



41.3041, 53.6118, 90.7894



66.3649, 53.6118, 63.3282



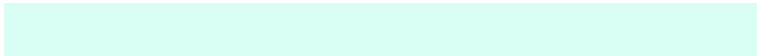
62.0063, 53.6118, 34.7703

Sweetspot

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



38.1406, 53.6139, 53.6866



80.7665, 92.8196, 99.9617



36.0208, 53.2200, 22.0107



16.9052, 19.6755, 21.1368



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.



38.1406, 53.6139, 53.6866



53.4516, 79.2296, 76.4844



35.6562, 43.4735, 68.8017



12.6456, 14.0492, 15.2142



18.2822, 30.5682, 24.5796



1.1360, 1.8570, 1.6578

Inverse Universe

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



36.6103, 26.0278, 25.6507



50.9053, 32.7283, 29.3902



37.8352, 31.2003, 17.6649



12.5566, 12.4741, 13.6054



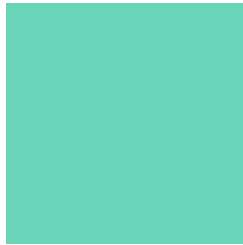
17.2382, 8.8316, 3.2922



1.0741, 0.5464, 0.3794

Previews

White Background



This preview shows how the XYZ color 38.1391, 53.6118, 53.6854 looks on a white background.

Color Contrast Check

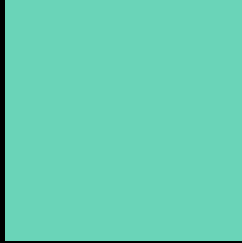
Large Text (above 18pt) WCAG AA × Fail

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 38.1391, 53.6118, 53.6854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

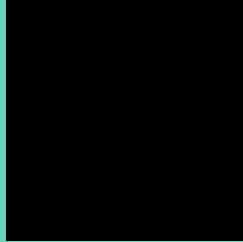
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1391, 53.6118, 53.6854

Background



This preview shows how black text looks on a background with the XYZ color 38.1391, 53.6118, 53.6854.



This preview shows how white text looks on a background with the XYZ color 38.1391, 53.6118,

53.6854.

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

38.1391, 53.6118, 53.6854

Protanopia

50.2119, 52.9958, 47.1179

Deuteranopia

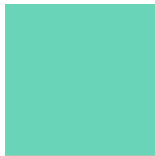
54.0045, 52.8326, 56.0666



Tritanopia

42.8618, 53.3219, 77.8451

Trichromacy



Original Color

38.1391, 53.6118, 53.6854



Protanomaly

44.0851, 52.1282, 49.3332



Deuteranomaly

45.8258, 51.5453, 55.1109



Tritanomaly

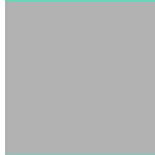
41.0039, 53.2926, 68.4470

Monochromacy



Original Color

38.1391, 53.6118, 53.6854



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

39.4142, 46.7015, 50.1170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1391, 53.6118, 53.6854 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(106, 212, 184)` looks like.

```
.text, #text, p{  
    color:rgb(106, 212, 184)  
}
```

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(106, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 212, 184) }
```

Border

The CSS property to change the border of an element to XYZ 38.1391, 53.6118, 53.6854 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(106, 212, 184) }
```


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

```
.border{ border-color:rgb(106, 212, 184) }
```

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

Here you see how a box with a 4 pixel rgb(106, 212, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 212, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 212, 184);  
box-shadow:4px 4px 4px 4px rgb(106, 212,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1391, 53.6118, 53.6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 212, 184) }
```

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

```
.background{ background-color: rgb(106,  
212, 184) }
```

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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