

Converting Colors

XYZ(38.0069, 53.4507, 51.1376)

Have a look what the booklet for
XYZ(38.0069, 53.4507, 51.1376)
contains.

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Color

**XYZ(38.1106, 53.6566,
50.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	6ED4B3
RGB	110, 212, 179
RGB Percent	43%, 83%, 70%
CMY	0.5686, 0.1686, 0.2980
CMYK	0.48, 0.00, 0.16, 0.17
HSL	161°, 54%, 63%
HSV	161°, 48%, 83%
XYZ	38.1106, 53.6566, 50.9960
YIQ	177.7400, -50.1990, -31.8870

Conversions

Conversions Part 2

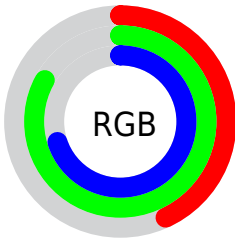
Format	Color
RYB	110, 171, 212
Decimal	7263411
CIELab	78.26, -37.60, 7.20
CIELCh	78, 38.282, 169.158
Yxy	53.6566, 0.2669, 0.3758
Android (android.graphics.Color)	4285453491 (0xFF6ED4B3)
YUV	177.7400, 0.6212, -59.4080
Hunter-Lab	73.2507, -35.3193, 9.9987

Details

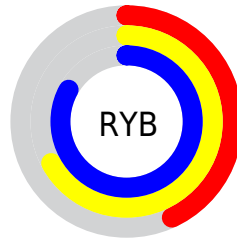
The XYZ color **38.1106, 53.6566, 50.9960** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **37.6870, 27.1335, 29.2397**, and the grayscale version is **42.1966, 44.3941, 48.3452**.

A 20% lighter version of the original color is **66.6917, 85.7336, 91.6305**, and **17.1383, 26.2984, 23.9115** is the 20% darker color. If you saturate the color by 10%, you get **35.1054, 52.1869, 47.3244**, and if you desaturate by 10%, it is **41.7842, 55.4696, 54.8814**.

Distribution



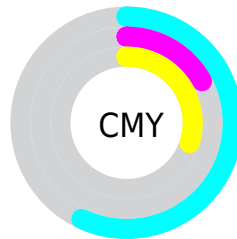
- Red (43%)
- Green (83%)
- Blue (70%)



- Red (43%)
- Yellow (67%)
- Blue (83%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)





- Cyan (57%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1106, 53.6566, 50.9960 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 38.1106, 53.6566, 50.9960 by changing the saturation by 10% instead.


 38.1106, 53.6566,
50.9960


 38.1106, 53.6566,
50.9960


329.3668,
400.7992, 407.3944


 26.2461, 38.3272,
35.8287


 71.5804, 95.5699,
93.0603

 17.1415, 26.2367,
24.0133


 93.9165, 122.9225,
120.7944

 10.4314, 17.0008,
15.1312


 120.4739,
155.0516, 153.5545

 5.7503, 10.2351,
8.7639

151.6178,
192.3417, 191.7592

 2.7331, 5.5551,
4.4928

187.7137,
235.1771, 235.8270

 1.0142, 2.5765,
1.8994

229.1270,

 0.0000, 0.9149,

283.9422, 286.1764

0.4923

276.2229,
339.0214, 343.2260

■ 0.0000, 0.0000,
0.0000

■ 38.1106, 53.6566,
50.9960

■ 38.1106, 53.6566,
50.9960

■ 35.1054, 52.1869,
47.3244

■ 41.7842, 55.4696,
54.8814

■ 32.7180, 51.0304,
43.8580

■ 46.1635, 57.6410,
58.9815

■ 30.8974, 50.1623,
40.5932


■ 51.2882, 60.1926,
63.3016


■ 29.5822, 49.5508,
37.5242


■ 57.1937, 63.1425,
67.8458


■ 28.6826, 49.1499,
34.6442


■ 63.9130, 66.5078,
72.6182

 28.5335, 49.0844,
34.1203

 71.4773, 70.3044,
77.6225

 78.6519, 73.8958,
82.8032

 79.6179, 74.2822,
87.8903

 80.6221, 74.6839,
93.1783

Harmonies

Analogous

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



40.8524, 53.6566, 35.3691



38.1106, 53.6566, 50.9960



38.5579, 53.6566, 73.0457

Triad

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



38.1106, 53.6566, 50.9960



55.8775, 53.6566, 106.7424



61.0192, 53.6566, 32.4254

Complementary

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



38.1106, 53.6566, 50.9960



37.6870, 27.1335, 29.2397

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.



65.8640, 53.6566, 45.8948



38.1106, 53.6566, 50.9960



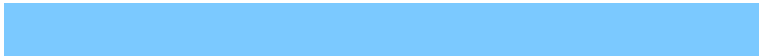
62.7003, 53.6566, 89.7951

Square

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



38.1106, 53.6566, 50.9960



48.3351, 53.6566, 109.0748



66.5077, 53.6566, 66.5380



53.7590, 53.6566, 26.5323

Rectangle

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



38.1106, 53.6566, 50.9960



40.6178, 53.6566, 88.5624



66.5077, 53.6566, 66.5380



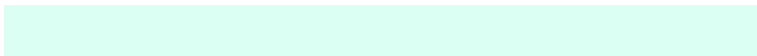
63.0135, 53.6566, 36.0386

Sweetspot

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



38.1121, 53.6587, 50.9972



81.3094, 93.1249, 98.8397



37.8613, 54.1443, 23.2082



16.9970, 19.7296, 20.8371



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.



38.1121, 53.6587, 50.9972



53.1160, 79.1642, 71.6068



37.8309, 47.1007, 69.3872



12.6133, 14.0363, 15.0441



17.6621, 30.3202, 21.3143



1.1025, 1.8436, 1.4813

Inverse Universe

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



37.6870, 27.1335, 29.2397



52.4205, 34.1612, 34.8204



37.5569, 30.3031, 18.6224



12.5872, 12.4864, 13.7666



17.4582, 8.9196, 4.4510



1.0904, 0.5530, 0.4656

Previews

White Background



This preview shows how the XYZ color 38.1106, 53.6566, 50.9960 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 38.1106, 53.6566, 50.9960 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

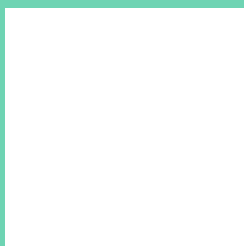
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1106, 53.6566, 50.9960

Background



This preview shows how black text looks on a background with the XYZ color 38.1106, 53.6566, 50.9960.

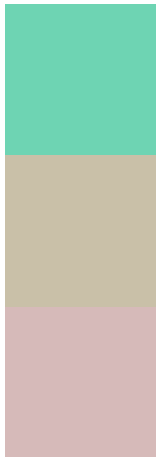


This preview shows how white text looks on a background with the XYZ color 38.1106, 53.6566,

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

38.1106, 53.6566, 50.9960

Protanopia

50.0049, 52.9439, 44.6294

Deuteranopia

54.0474, 52.9167, 53.2643



Tritanopia

43.4166, 53.6079, 77.8711

Trichromacy



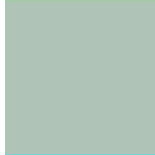
Original Color

38.1106, 53.6566, 50.9960



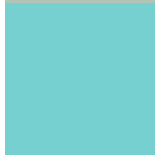
Protanomaly

44.0183, 52.1502, 46.7757



Deuteranomaly

45.9668, 51.6792, 52.3521



Tritanomaly

41.2896, 53.4683, 67.1757

Monochromacy



Original Color

38.1106, 53.6566, 50.9960



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

39.5862, 46.8136, 49.0690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1106, 53.6566, 50.9960 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(110, 212, 179)` looks like.

```
.text, #text, p{  
    color:rgb(110, 212, 179)  
}
```

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(110, 212, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 212, 179) }
```

Border

The CSS property to change the border of an element to XYZ 38.1106, 53.6566, 50.9960 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(110, 212, 179) }
```


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

```
.border{ border-color:rgb(110, 212, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 212, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 212, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 212, 179);  
box-shadow:4px 4px 4px 4px rgb(110, 212,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1106, 53.6566, 50.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 212, 179) }
```

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

```
.background{ background-color: rgb(110,  
212, 179) }
```

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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