

Converting Colors

XYZ(38.3304, 51.0801, 59.9851)

Have a look what the booklet for
XYZ(38.3304, 51.0801, 59.9851)
contains.

XYZ(38.3507, 51.0277, 60.0526)	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(38.3507, 51.0277,
60.0526)**

Conversions

Conversions Part 1

Format	Color
Hex	6FCDC4
RGB	111, 205, 196
RGB Percent	44%, 80%, 77%
CMY	0.5647, 0.1961, 0.2314
CMYK	0.46, 0.00, 0.04, 0.20
HSL	174°, 48%, 62%
HSV	174°, 46%, 80%
XYZ	38.3507, 51.0277, 60.0526
YIQ	175.8680, -53.1350, -22.7270

Conversions

Conversions Part 2

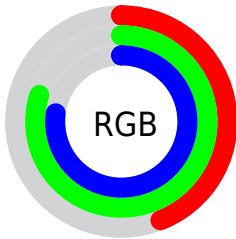
Format	Color
RYB	111, 160, 205
Decimal	7327172
CIELab	76.70, -30.08, -4.20
CIELCh	77, 30.370, 187.942
Yxy	51.0277, 0.2566, 0.3415
Android (android.graphics.Color)	4285517252 (0xFF6FCDC4)
YUV	175.8680, 9.9251, -56.8892
Hunter-Lab	71.4337, -29.1774, 0.1599

Details

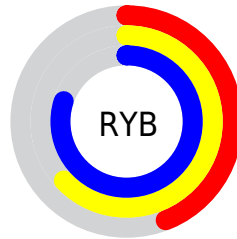
The XYZ color **38.3507, 51.0277, 60.0526** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.2532, 25.7056, 20.9275**, and the grayscale version is **41.1691, 43.3131, 47.1680**.

A 20% lighter version of the original color is **69.6381, 86.9367, 106.0386**, and **17.2050, 24.4958, 29.4125** is the 20% darker color. If you saturate the color by 10%, you get **35.8397, 49.7601, 58.7772**, and if you desaturate by 10%, it is **41.4595, 52.6056, 61.3735**.

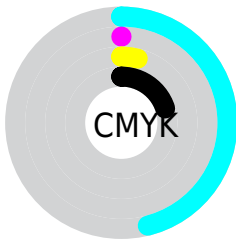
Distribution



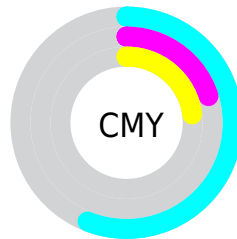
- Red (44%)
- Green (80%)
- Blue (77%)



- Red (44%)
- Yellow (63%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3507, 51.0277, 60.0526 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 38.3507, 51.0277, 60.0526 by changing the saturation by 10% instead.

■ 38.3507, 51.0277,
60.0526

■ 38.3507, 51.0277,
60.0526

330.3769,
390.6714, 442.6016

■ 26.4334, 36.2307,
43.0355

■ 71.9458, 91.6957,
106.4501

■ 17.2826, 24.6124,
29.5813

■ 94.3543, 118.3355,
136.6675

■ 10.5327, 15.7885,
19.2717

■ 120.9907,
149.6916, 172.1221

■ 5.8185, 9.3746,
11.6880

152.2202,
186.1485, 213.2324

■ 2.7747, 4.9863,
6.4116

188.4082,
228.0905, 260.4170

■ 1.0357, 2.2392,
3.0241

229.9201,

■ 0.0000, 0.7413,

275.9021, 314.0944

1.1070

277.1212,
329.9676, 374.6831

■ 0.0000, 0.0000,
0.0000

■ 38.3507, 51.0277,
60.0526

■ 38.3507, 51.0277,
60.0526

■ 35.8397, 49.7601,
58.7772

■ 41.4595, 52.6056,
61.3735

■ 33.8809, 48.7757,
57.5417

■ 45.1988, 54.5070,
62.7381

■ 32.4297, 48.0525,
56.3451


■ 49.6043, 56.7514,
64.1493


■ 31.4321, 47.5628,
55.1848


■ 54.7075, 59.3552,
65.6086


■ 30.8212, 47.2723,
54.0577


■ 60.5381, 62.3336,
67.1174

 30.6284, 47.1828,
53.5974

 67.1241, 65.7011,
68.6771

 74.4918, 69.4713,
70.2890

 74.9190, 69.6631,
71.5918

 75.1678, 69.7626,
72.9019

Harmonies

Analogous

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



38.9554, 51.0277, 44.4941



38.3507, 51.0277, 60.0526



40.2907, 51.0277, 77.3994

Triad

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



38.3507, 51.0277, 60.0526



55.6231, 51.0277, 84.4700



52.7734, 51.0277, 31.0716

Complementary

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



38.3507, 51.0277, 60.0526



34.2532, 25.7056, 20.9275

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.



57.7556, 51.0277, 38.2724



38.3507, 51.0277, 60.0526



59.4894, 51.0277, 68.3247

Square

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



38.3507, 51.0277, 60.0526



50.0444, 51.0277, 93.2048



60.2991, 51.0277, 51.2982



46.9882, 51.0277, 29.7240

Rectangle

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



38.3507, 51.0277, 60.0526



42.8637, 51.0277, 86.9595



60.2991, 51.0277, 51.2982



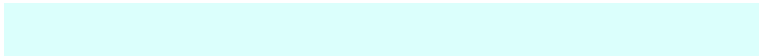
54.6105, 51.0277, 32.8078

Sweetspot

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



38.3522, 51.0297, 60.0538



82.5681, 93.6284, 105.4681



32.5035, 48.8341, 22.7529



17.3060, 19.8532, 22.4644



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.



38.3522, 51.0297, 60.0538



58.7597, 81.5328, 96.3056



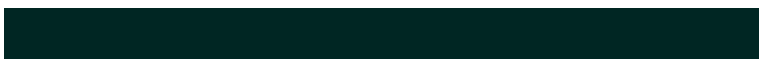
31.4687, 35.5733, 62.9676



11.4951, 12.7078, 14.1649



19.0859, 29.3797, 33.4670



0.9984, 1.5212, 1.7991

Inverse Universe

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



34.2532, 25.7056, 20.9275



51.2505, 35.0278, 24.5446



38.7321, 35.4971, 19.8503



11.2552, 11.2308, 11.8787



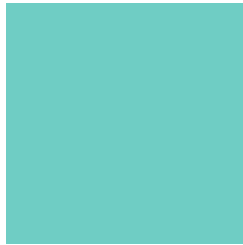
15.7661, 8.1170, 1.2210



0.8286, 0.4249, 0.1435

Previews

White Background



This preview shows how the XYZ color 38.3507, 51.0277, 60.0526 looks on a white background.

Color Contrast Check

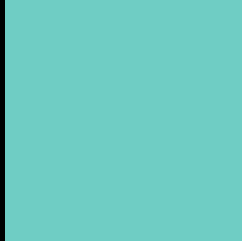
Large Text (above 18pt) WCAG AA × Fail

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 38.3507, 51.0277, 60.0526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

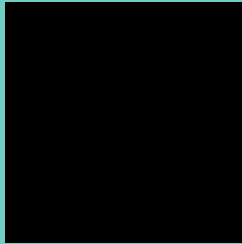
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3507, 51.0277, 60.0526

Background



This preview shows how black text looks on a background with the XYZ color 38.3507, 51.0277, 60.0526.

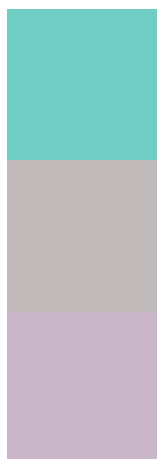


This preview shows how white text looks on a background with the XYZ color 38.3507, 51.0277,

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

38.3507, 51.0277, 60.0526

Protanopia

48.3715, 50.2923, 53.6123

Deuteranopia

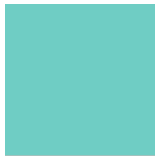
51.5635, 50.5015, 62.2884



Tritanopia

41.2466, 51.1546, 74.0296

Trichromacy



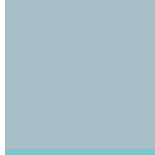
Original Color

38.3507, 51.0277, 60.0526



Protanomaly

43.6903, 50.0878, 56.0804



Deuteranomaly

45.0881, 49.7100, 61.2514



Tritanomaly

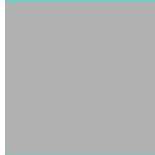
40.0590, 51.0099, 68.7073

Monochromacy



Original Color

38.3507, 51.0277, 60.0526



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

39.2665, 45.6349, 51.5386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3507, 51.0277, 60.0526 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(111, 205, 196)` looks like.

```
.text, #text, p{  
    color:rgb(111, 205, 196)  
}
```

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(111, 205, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 205, 196) }
```

Border

The CSS property to change the border of an element to XYZ 38.3507, 51.0277, 60.0526 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(111, 205, 196) }
```


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

```
.border{ border-color:rgb(111, 205, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 205, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 205, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 205, 196);  
box-shadow:4px 4px 4px 4px rgb(111, 205,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3507, 51.0277, 60.0526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 205, 196) }
```

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

```
.background{ background-color: rgb(111,  
205, 196) }
```

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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