

Converting Colors

XYZ(38.4801, 50.1596, 38.6640)

Have a look what the booklet for
XYZ(38.4801, 50.1596, 38.6640)
contains.

XYZ(38.4801, 50.1596, 38.6640)	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(38.4801, 50.1596,
38.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	91C99B
RGB	145, 201, 155
RGB Percent	57%, 79%, 61%
CMY	0.4314, 0.2117, 0.3921
CMYK	0.28, 0.00, 0.23, 0.21
HSL	131°, 34%, 68%
HSV	131°, 28%, 79%
XYZ	38.4801, 50.1596, 38.6640
YIQ	179.0120, -18.6100, -26.1780

Conversions

Conversions Part 2

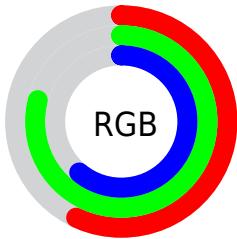
Format	Color
RYB	145, 193, 201
Decimal	9554331
CIELab	76.17, -27.38, 17.28
CIElCh	76, 32.382, 147.745
Yxy	50.1596, 0.3023, 0.3940
Android (android.graphics.Color)	4287744411 (0xFF91C99B)
YUV	179.0120, -11.8379, -29.8285
Hunter-Lab	70.8234, -26.9576, 17.2088

Details

The XYZ color **38.4801, 50.1596, 38.6640** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.6185, 36.4310, 54.0253**, and the grayscale version is **42.9234, 45.1588, 49.1779**.

A 20% lighter version of the original color is **71.2123, 88.4525, 74.2925**, and **17.4466, 24.1941, 16.8471** is the 20% darker color. If you saturate the color by 10%, you get **33.9537, 47.9770, 31.7024**, and if you desaturate by 10%, it is **43.8255, 52.7453, 46.6559**.

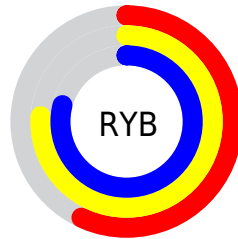
Distribution



Red (57%)

Green (79%)

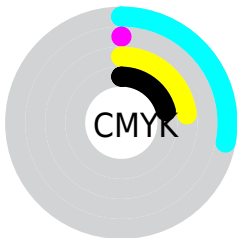
Blue (61%)



Red (57%)

Yellow (76%)

Blue (79%)

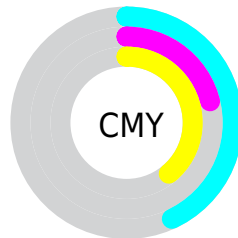


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (21%)



Cyan (43%)

Magenta (21%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4801, 50.1596, 38.6640 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 38.4801, 50.1596, 38.6640 by changing the saturation by 10% instead.

■ 38.4801, 50.1596,
38.6640

■ 38.4801, 50.1596,
38.6640

330.9204,
387.2897, 355.8431

■ 26.5344, 35.5402,
26.1926

■ 72.1426, 90.4113,
74.3394

■ 17.3586, 24.0793,
16.7407

■ 94.5901, 116.8124,
98.3805

■ 10.5874, 15.3925,
9.8898

121.2689,
147.9096, 127.1153

■ 5.8554, 9.0953,
5.2213

152.5444,
184.0872, 160.9623

■ 2.7972, 4.8034,
2.3167

188.7820,
225.7296, 200.3400

■ 1.0474, 2.1324,
0.7405

230.3469,

■ 0.0000, 0.6827,

273.2212, 245.6670

0.0000

277.6046,
326.9465, 297.3619

■ 0.0000, 0.0000,
0.0000

■ 38.4801, 50.1596,
38.6640

■ 38.4801, 50.1596,
38.6640

■ 33.9537, 47.9770,
31.7024

■ 43.8255, 52.7453,
46.6559

■ 30.2015, 46.1711,
25.7259

■ 50.0237, 55.7465,
55.7141

■ 27.1807, 44.7221,
20.6909

■ 57.1114, 59.1828,
65.8770

■ 24.8426, 43.6060,
16.5493

■ 65.1220, 63.0705,
77.1803

■ 23.1322, 42.7956,
13.2487

■ 74.0873, 67.4254,
89.6577

■ 21.9861, 42.2592,
10.7312

■ 80.0279, 70.1954,
103.1543

■ 21.3147, 41.9523,
8.9307

■ 80.1776, 70.2552,
103.9425

■ 21.2044, 41.9020,
8.6309

Harmonies

Analogous

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



42.4512, 50.1596, 30.0747



38.4801, 50.1596, 38.6640



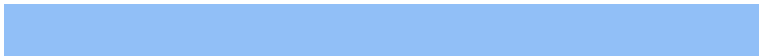
36.9491, 50.1596, 53.3120

Triad

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



38.4801, 50.1596, 38.6640



47.2179, 50.1596, 95.2319



58.7552, 50.1596, 40.4998

Complementary

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



38.4801, 50.1596, 38.6640



43.6185, 36.4310, 54.0253

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.



60.2989, 50.1596, 55.9396



38.4801, 50.1596, 38.6640



53.3110, 50.1596, 89.8143

Square

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



38.4801, 50.1596, 38.6640



41.7201, 50.1596, 87.9964



58.2295, 50.1596, 74.4423



54.1716, 50.1596, 30.9660

Rectangle

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



38.4801, 50.1596, 38.6640



37.4114, 50.1596, 65.4364



58.2295, 50.1596, 74.4423



59.6630, 50.1596, 45.0582

Sweetspot

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



38.4814, 50.1617, 38.6651



85.3574, 95.3015, 94.9723



47.6534, 54.9831, 34.8898



17.9040, 20.2211, 19.7973



0.0000, 0.0000, 0.0000



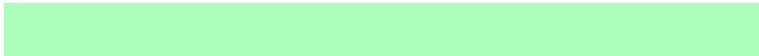
20.3446, 21.4041, 23.3091

Same Dimension

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



38.4814, 50.1617, 38.6651



61.3718, 83.7010, 59.3070



41.0432, 51.1864, 52.1553



10.5735, 11.9183, 11.7044



13.3563, 26.3549, 5.5547



0.6568, 1.2576, 0.3912

Inverse Universe

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



43.6185, 36.4310, 54.0253



71.4988, 56.6189, 89.5774



40.8851, 35.3377, 39.6314



10.9987, 10.7829, 12.9764



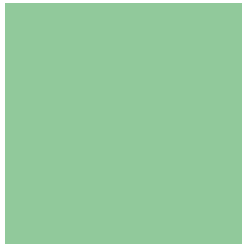
19.4523, 9.5305, 23.3895



0.9429, 0.4600, 1.2227

Previews

White Background



This preview shows how the XYZ color 38.4801, 50.1596, 38.6640 looks on a white background.

Color Contrast Check

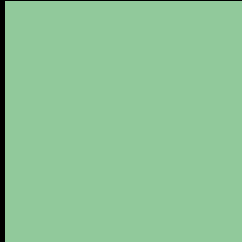
Large Text (above 18pt) WCAG AA × Fail

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 38.4801, 50.1596, 38.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

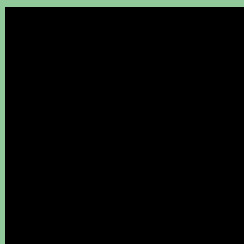
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

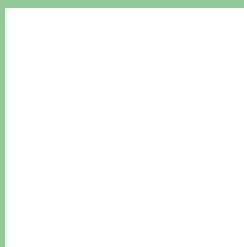
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4801, 50.1596, 38.6640

Background



This preview shows how black text looks on a background with the XYZ color 38.4801, 50.1596, 38.6640.



This preview shows how white text looks on a background with the XYZ color 38.4801, 50.1596,

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

38.4801, 50.1596, 38.6640

Protanopia

46.6688, 49.8209, 35.1737

Deuteranopia

50.6036, 49.5928, 39.7062



Tritanopia

44.3180, 50.1556, 67.6668

Trichromacy



Original Color

38.4801, 50.1596, 38.6640

Protanomaly

43.0260, 49.5173, 36.5682

Deuteranomaly

45.3900, 49.3822, 39.4872

Tritanomaly

41.9141, 50.1859, 55.6219

Monochromacy



Original Color

38.4801, 50.1596, 38.6640

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

40.9624, 46.6584, 44.8772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4801, 50.1596, 38.6640 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(145, 201, 155)` looks like.

```
.text, #text, p{  
    color:rgb(145, 201, 155)  
}
```

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(145, 201, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 201, 155) }
```

Border

The CSS property to change the border of an element to XYZ 38.4801, 50.1596, 38.6640 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(145, 201, 155) }
```


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

```
.border{ border-color:rgb(145, 201, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 201, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 201, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 201, 155);  
box-shadow:4px 4px 4px 4px rgb(145, 201,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4801, 50.1596, 38.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 201, 155) }
```

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

```
.background{ background-color: rgb(145,  
201, 155) }
```

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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