

Converting Colors

XYZ(44.5398, 51.5497, 61.0522)

Have a look what the booklet for
XYZ(44.5398, 51.5497, 61.0522)
contains.

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Color

**XYZ(44.4574, 51.3806,
61.0004)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC5C6
RGB	159, 197, 198
RGB Percent	62%, 77%, 78%
CMY	0.3765, 0.2274, 0.2235
CMYK	0.20, 0.01, 0.00, 0.22
HSL	182°, 25%, 70%
HSV	182°, 20%, 78%
XYZ	44.4574, 51.3806, 61.0004
YIQ	185.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

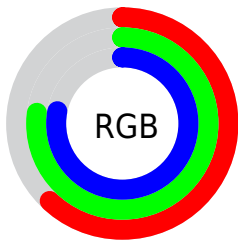
Format	Color
R_{YB}	159, 178, 198
Decimal	10470854
CIE _{Lab}	76.91, -12.34, -4.69
CIE _{LCh}	77, 13.204, 200.790
Yxy	51.3806, 0.2835, 0.3276
Android (android.graphics.Color)	4288660934 (0xFF9FC5C6)
YUV	185.7520, 6.0383, -23.4615
Hunter-Lab	71.6803, -14.7315, -0.2800

Details

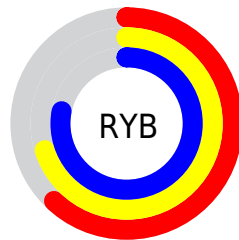
The XYZ color **44.4574, 51.3806, 61.0004** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1181, 39.6509, 38.2355**, and the grayscale version is **46.5111, 48.9333, 53.2883**.

A 20% lighter version of the original color is **81.2234, 92.3998, 108.1618**, and **20.9199, 24.7843, 30.0668** is the 20% darker color. If you saturate the color by 10%, you get **40.7268, 49.2883, 60.7940**, and if you desaturate by 10%, it is **48.8203, 53.8021, 61.2387**.

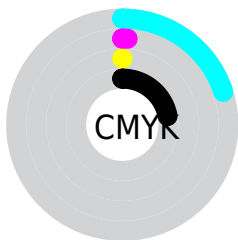
Distribution



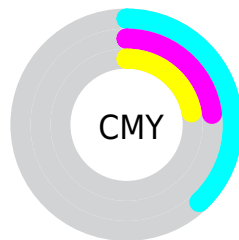
- Red (62%)
- Green (77%)
- Blue (78%)



- Red (62%)
- Yellow (70%)
- Blue (78%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4574, 51.3806, 61.0004 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 44.4574, 51.3806, 61.0004 by changing the saturation by 10% instead.

■ 44.4574, 51.3806,
61.0004

■ 44.4574, 51.3806,
61.0004

355.3923,
392.0407, 446.1821

■ 31.2297, 36.5116,
43.7949

■ 81.1477, 92.2171,
107.8371

■ 20.9265, 24.8296,
30.1733

■ 105.3410,
118.9534, 138.3053

■ 13.1825, 15.9501,
19.7170

133.9202,
150.4143, 174.0316

■ 7.6322, 9.4889,
12.0075

167.2506,
186.9841, 215.4344

■ 3.9103, 5.0614,
6.6262

205.6977,
229.0472, 262.9323

■ 1.6515, 2.2833,
3.1545

249.6268,

■ 0.4256, 0.7649,

276.9881, 316.9439

1.1741

299.4032,
331.1911, 377.8876

■ 0.0000, 0.0000,
0.0000

■ 44.4574, 51.3806,
61.0004

■ 44.4574, 51.3806,
61.0004

■ 40.7268, 49.2883,
60.7940

■ 48.8203, 53.8021,
61.2387

■ 37.5941, 47.5035,
60.6146

■ 53.8390, 56.5610,
61.5067

■ 35.0286, 46.0116,
60.4619

■ 59.5412, 59.6727,
61.8068

■ 32.9949, 44.7945,
60.3341

■ 65.9516, 63.1501,
62.1401

■ 31.4537, 43.8317,
60.2295

■ 71.9802, 66.4313,
62.4557

■ 30.3601, 43.1004,
60.1460

■ 72.0974, 66.6656,
62.4947

■ 29.6614, 42.5732,
60.0811

■ 72.2149, 66.9007,
62.5339

■ 29.2601, 42.1998,
60.0302

■ 72.3328, 67.1366,
62.5732

■ 29.2491, 42.1892,
60.0287

■ 72.4512, 67.3732,
62.6127

Harmonies

Analogous

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



44.2209, 51.3806, 53.7596



44.4574, 51.3806, 61.0004



45.8452, 51.3806, 67.3635

Triad

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



44.4574, 51.3806, 61.0004



52.6751, 51.3806, 65.1541



49.6129, 51.3806, 43.3695

Complementary

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



44.4574, 51.3806, 61.0004



42.1181, 39.6509, 38.2355

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.



51.9536, 51.3806, 45.8952



44.4574, 51.3806, 61.0004



53.7610, 51.3806, 58.1883

Square

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



44.4574, 51.3806, 61.0004



50.5705, 51.3806, 69.9008



53.4925, 51.3806, 51.1764



47.1411, 51.3806, 43.9821

Rectangle

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



44.4574, 51.3806, 61.0004



47.2635, 51.3806, 70.0524



53.4925, 51.3806, 51.1764



50.4424, 51.3806, 43.8710

Sweetspot

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



44.4589, 51.3827, 61.0016



89.5187, 96.9633, 108.6054



40.8078, 50.2859, 40.6539



19.0375, 20.6863, 23.2394



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.



44.4589, 51.3827, 61.0016



75.5094, 89.1881, 107.8430



40.3827, 43.2304, 59.6428



10.9226, 12.0192, 13.6617



19.0313, 27.4565, 39.0409



0.9087, 1.3151, 1.8511

Inverse Universe

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



45.7661, 40.8345, 58.2953



78.2862, 66.8742, 102.0737



45.6979, 46.8104, 39.4288



11.0709, 10.8118, 13.3568



21.4055, 10.3117, 33.6746



1.0173, 0.4898, 1.6145

Previews

White Background



This preview shows how the XYZ color 44.4574, 51.3806, 61.0004 looks on a white background.

Color Contrast Check

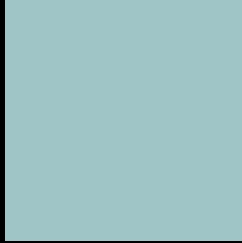
Large Text (above 18pt) WCAG AA × Fail

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 44.4574, 51.3806, 61.0004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

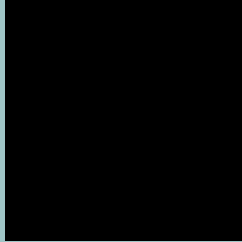
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4574, 51.3806, 61.0004

Background



This preview shows how black text looks on a background with the XYZ color 44.4574, 51.3806, 61.0004.



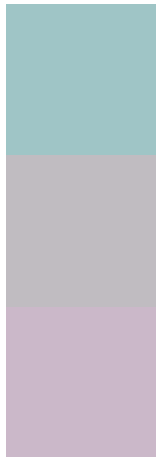
This preview shows how white text looks on a background with the XYZ color 44.4574, 51.3806,

61.0004.

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

44.4574, 51.3806, 61.0004

Protanopia

49.3471, 51.0232, 57.6997

Deuteranopia

52.3117, 51.1945, 62.3827



Tritanopia

46.1733, 51.4147, 69.1185

Trichromacy



Original Color

44.4574, 51.3806, 61.0004

Protanomaly

47.3035, 50.9050, 58.9623

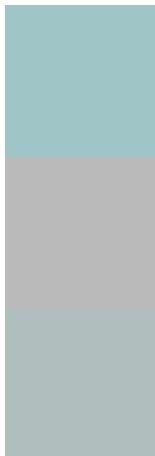
Deuteranomaly

49.1164, 51.1301, 61.9240

Tritanomaly

45.5784, 51.5132, 65.9333

Monochromacy



Original Color

44.4574, 51.3806, 61.0004

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.6122, 49.7747, 55.9187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4574, 51.3806, 61.0004 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(159, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 197, 198)  
}
```

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(159, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 197, 198) }
```

Border

The CSS property to change the border of an element to XYZ 44.4574, 51.3806, 61.0004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

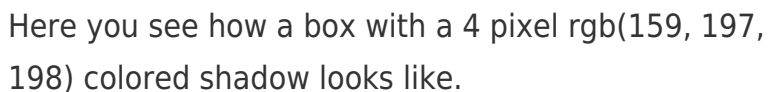
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 197, 198) }
```


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

```
.border{ border-color:rgb(159, 197, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(159, 197,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4574, 51.3806, 61.0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 197, 198) }
```

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

```
.background{ background-color: rgb(159,  
197, 198) }
```

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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