

Converting Colors

XYZ(51.6283, 58.6332, 61.5630)

Have a look what the booklet for
XYZ(51.6283, 58.6332, 61.5630)
contains.

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Color

**XYZ(51.4469, 58.4806,
61.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CFC5
RGB	181, 207, 197
RGB Percent	71%, 81%, 77%
CMY	0.2902, 0.1882, 0.2274
CMYK	0.13, 0.00, 0.05, 0.19
HSL	157°, 21%, 76%
HSV	157°, 13%, 81%
XYZ	51.4469, 58.4806, 61.3997
YIQ	198.0860, -12.2860, -8.6220

Conversions

Conversions Part 2

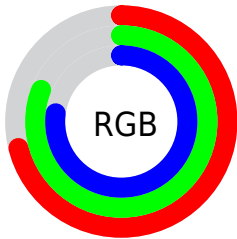
Format	Color
R_{YB}	181, 197, 207
Decimal	11915205
CIE _{Lab}	81.01, -10.64, 2.02
CIE _{LCh}	81, 10.832, 169.270
Yxy	58.4806, 0.3003, 0.3413
Android (android.graphics.Color)	4290105285 (0xFFB5CFC5)
YUV	198.0860, -0.5354, -14.9844
Hunter-Lab	76.4726, -13.7413, 5.9270

Details

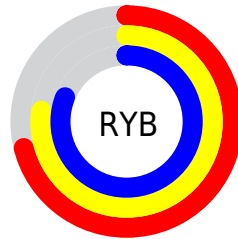
The XYZ color **51.4469, 58.4806, 61.3997** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.6620, 50.0762, 56.2356**, and the grayscale version is **53.7386, 56.5372, 61.5690**.

A 20% lighter version of the original color is **88.5744, 96.6803, 107.7587**, and **25.2512, 29.3548, 30.3218** is the 20% darker color. If you saturate the color by 10%, you get **46.0609, 55.8083, 56.5104**, and if you desaturate by 10%, it is **57.6056, 61.5489, 66.5793**.

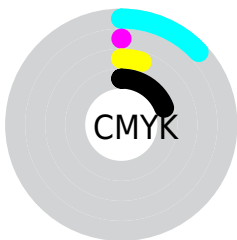
Distribution



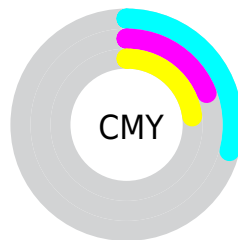
- Red (71%)
- Green (81%)
- Blue (77%)



- Red (71%)
- Yellow (77%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4469, 58.4806, 61.3997 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 51.4469, 58.4806, 61.3997 by changing the saturation by 10% instead.

■ 51.4469, 58.4806,
61.3997

■ 51.4469, 58.4806,
61.3997

382.6567,
418.9744, 447.6851

■ 36.7869, 42.1951,
44.1152

■ 91.4941, 102.6224,
108.4206

■ 25.2154, 29.2541,
30.4232

117.6120,
131.2475, 138.9941

■ 16.3672, 19.2731,
19.9053

148.2799,
164.7547, 174.8343

■ 9.8769, 11.8678,
12.1428

183.8631,
203.5282, 216.3597

■ 5.3790, 6.6537,
6.7173

224.7270,
247.9526, 263.9890

■ 2.5084, 3.2465,
3.2102

271.2371,

■ 0.8995, 1.2617,

298.4121, 318.1406

1.2029

323.7585,
355.2913, 379.2331

■ 0.0000, 0.1113,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.4469, 58.4806,
61.3997

■ 51.4469, 58.4806,
61.3997

■ 46.0609, 55.8083,
56.5104

■ 57.6056, 61.5489,
66.5793

■ 41.4102, 53.5079,
51.9021

■ 64.5626, 65.0215,
72.0504

■ 37.4617, 51.5642,
47.5705

■ 72.3482, 68.9155,
77.8193

■ 34.1776, 49.9577,
43.5099

■ 77.6764, 71.5368,
83.7360

■ 31.5166, 48.6671,
39.7142

■ 78.8133, 71.9916,
89.7227

■ 29.4324, 47.6688,
36.1769

■ 80.0018, 72.4670,
95.9815

■ 27.8720, 46.9355,
32.8912

■ 81.2427, 72.9633,
102.5158

■ 26.7716, 46.4344,
29.8496

■ 81.6039, 73.1078,
104.4180

■ 26.1691, 46.1699,
27.7388

Harmonies

Analogous

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



52.3744, 58.4806, 55.9393



51.4469, 58.4806, 61.3997



51.6052, 58.4806, 67.8461

Triad

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



51.4469, 58.4806, 61.3997



57.0219, 58.4806, 76.0824



58.4506, 58.4806, 54.7529

Complementary

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



51.4469, 58.4806, 61.3997



51.6620, 50.0762, 56.2356

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.



59.7624, 58.4806, 59.6792



51.4469, 58.4806, 61.3997



58.9222, 58.4806, 72.0938

Square

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



51.4469, 58.4806, 61.3997



54.7837, 58.4806, 76.6206



59.9373, 58.4806, 66.0067



56.3922, 58.4806, 52.2772

Rectangle

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



51.4469, 58.4806, 61.3997



52.3064, 58.4806, 71.8317



59.9373, 58.4806, 66.0067



58.9959, 58.4806, 56.1612

Sweetspot

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



51.4485, 58.4831, 61.4010



90.7711, 97.8664, 105.4357



52.2418, 59.0927, 52.3695



19.2615, 20.8641, 22.4300



0.0000, 0.0000, 0.0000



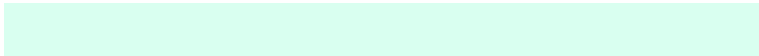
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4485, 58.4831, 61.4010



80.0717, 92.5417, 96.3030



52.0085, 57.7073, 67.4319



11.9576, 13.3268, 14.1331



16.5344, 29.1067, 17.7259



0.9626, 1.6427, 1.1920

Inverse Universe

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



51.6620, 50.0762, 56.2356



80.4779, 76.5527, 86.4800



51.1319, 50.7181, 50.8115



11.9943, 11.8824, 13.2456



17.1591, 8.7365, 5.7439



0.9978, 0.5038, 0.5230

Previews

White Background



This preview shows how the XYZ color 51.4469, 58.4806, 61.3997 looks on a white background.

Color Contrast Check

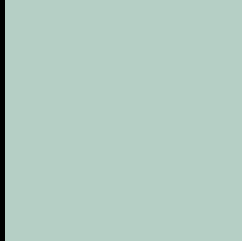
Large Text (above 18pt) WCAG AA × Fail

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 51.4469, 58.4806, 61.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

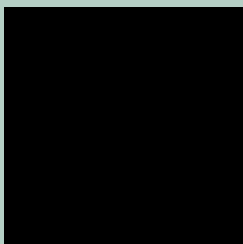
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

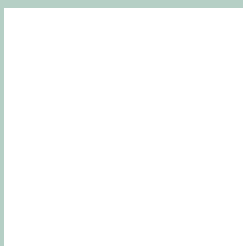
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4469, 58.4806, 61.3997

Background



This preview shows how black text looks on a background with the XYZ color 51.4469, 58.4806, 61.3997.



This preview shows how white text looks on a background with the XYZ color 51.4469, 58.4806,

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

51.4469, 58.4806, 61.3997

Protanopia

55.7335, 58.2806, 58.7639

Deuteranopia

59.2323, 57.9693, 62.7109



Tritanopia

54.5187, 58.6673, 76.1606

Trichromacy



Original Color

51.4469, 58.4806, 61.3997

Protanomaly

54.1195, 58.4772, 59.4738

Deuteranomaly

56.1858, 58.0922, 62.2844

Tritanomaly

53.4822, 58.6065, 70.7807

Monochromacy



Original Color

51.4469, 58.4806, 61.3997

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.8179, 57.0570, 61.6554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4469, 58.4806, 61.3997 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(181, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 197)  
}
```

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(181, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.4469, 58.4806, 61.3997 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(181, 207, 197) }
```


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

```
.border{ border-color:rgb(181, 207, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 207, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4469, 58.4806, 61.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 197) }
```

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

```
.background{ background-color: rgb(181,  
207, 197) }
```

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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