

Converting Colors

XYZ(51.4204, 61.8998, 57.3818)

Have a look what the booklet for
XYZ(51.4204, 61.8998, 57.3818)
contains.

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Color

**XYZ(51.4204, 61.8998,
57.3818)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD8BD
RGB	175, 216, 189
RGB Percent	69%, 85%, 74%
CMY	0.3137, 0.1529, 0.2588
CMYK	0.19, 0.00, 0.13, 0.15
HSL	140°, 34%, 77%
HSV	140°, 19%, 85%
XYZ	51.4204, 61.8998, 57.3818
YIQ	200.6630, -15.7690, -17.0890

Conversions

Conversions Part 2

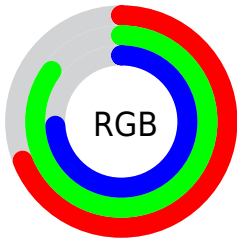
Format	Color
RYB	175, 206, 216
Decimal	11524285
CIELab	82.86, -18.71, 8.90
CIELCh	83, 20.717, 154.556
Yxy	61.8998, 0.3012, 0.3626
Android (android.graphics.Color)	4289714365 (0xFFAFD8BD)
YUV	200.6630, -5.7499, -22.5065
Hunter-Lab	78.6764, -21.0218, 11.8310

Details

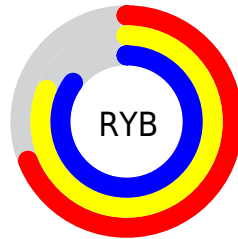
The XYZ color **51.4204, 61.8998, 57.3818** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.3118, 49.5247, 62.5767**, and the grayscale version is **55.3516, 58.2342, 63.4170**.

A 20% lighter version of the original color is **85.1964, 95.1015, 100.2523**, and **25.2148, 31.4049, 28.0253** is the 20% darker color. If you saturate the color by 10%, you get **45.4857, 59.0118, 49.4355**, and if you desaturate by 10%, it is **58.2855, 65.2534, 66.1650**.

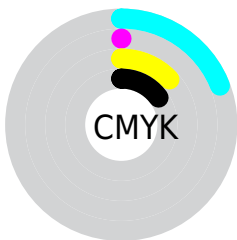
Distribution



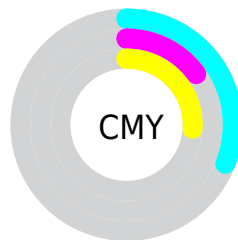
- Red (69%)
- Green (85%)
- Blue (74%)



- Red (69%)
- Yellow (81%)
- Blue (85%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (31%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4204, 61.8998, 57.3818 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 51.4204, 61.8998, 57.3818 by changing the saturation by 10% instead.


 51.4204, 61.8998,
57.3818

 51.4204, 61.8998,
57.3818


382.5557,
431.5655, 432.4122

 36.7657, 44.9517,
40.9005


 91.4552, 107.5807,
102.5279

 25.1990, 31.4194,
27.9222


117.5660,
137.0823, 132.0298

 16.3549, 20.9184,
18.0285


148.2262,
171.5373, 166.7089

 9.8681, 13.0644,
10.8008

183.8011,
211.3299, 206.9838

 5.3732, 7.4729,
5.8206

224.6562,
256.8447, 253.2731

 2.5048, 3.7596,
2.6693

271.1568,

 0.8977, 1.5400,

308.4659, 305.9952

0.9279

323.6682,
366.5781, 365.5687

■ 0.0000, 0.3166,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.4204, 61.8998,
57.3818

■ 51.4204, 61.8998,
57.3818

■ 45.4857, 59.0118,
49.4355

■ 58.2855, 65.2534,
66.1650

■ 40.4351, 56.5609,
42.2973

■ 66.1144, 69.0841,
75.8044

■ 36.2261, 54.5274,
35.9428

■ 74.9451, 73.4127,
86.3239

■ 32.8103, 52.8869,
30.3448

■ 82.4166, 77.0219,
97.6333

■ 30.1343, 51.6124,
25.4747

■ 83.8470, 77.5940,
105.1657

■ 28.1378, 50.6734,
21.3017

■ 26.7500, 50.0342,
17.7927

■ 25.8614, 49.6390,
14.9107

■ 25.7847, 49.6051,
14.6506

Harmonies

Analogous

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



54.0996, 61.8998, 49.1171



51.4204, 61.8998, 57.3818



50.6879, 61.8998, 69.3694

Triad

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



51.4204, 61.8998, 57.3818



59.5182, 61.8998, 94.9841



66.1877, 61.8998, 54.3978

Complementary

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



51.4204, 61.8998, 57.3818



54.3118, 49.5247, 62.5767

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.



67.8091, 61.8998, 65.4650



51.4204, 61.8998, 57.3818



63.8366, 61.8998, 89.7315

Square

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



51.4204, 61.8998, 57.3818



55.2237, 61.8998, 92.1148



66.9278, 61.8998, 78.5176



62.5981, 61.8998, 47.5532

Rectangle

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



51.4204, 61.8998, 57.3818



51.3690, 61.8998, 78.1360



66.9278, 61.8998, 78.5176



66.9890, 61.8998, 57.6925

Sweetspot

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



51.4221, 61.9024, 57.3832



88.0632, 96.5807, 100.3259



56.7435, 64.8129, 50.0778



18.6931, 20.5960, 21.2801



0.0000, 0.0000, 0.0000



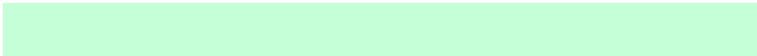
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4221, 61.9024, 57.3832



71.0594, 88.2801, 78.5150



53.7664, 62.8401, 69.7280



12.4357, 13.9653, 14.1086



15.3069, 29.3781, 8.9115



0.9615, 1.7872, 0.7388

Inverse Universe

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



54.3118, 49.5247, 62.5767



76.0507, 66.8946, 87.4817



52.0771, 48.6309, 50.8089



12.7645, 12.5573, 14.6999



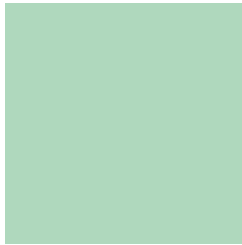
19.7153, 9.8225, 16.3369



1.2272, 0.6077, 1.1860

Previews

White Background



This preview shows how the XYZ color 51.4204, 61.8998, 57.3818 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 51.4204, 61.8998, 57.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

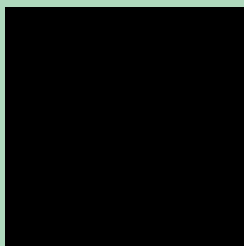
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

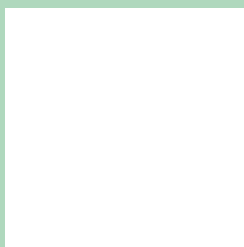
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4204, 61.8998, 57.3818

Background



This preview shows how black text looks on a background with the XYZ color 51.4204, 61.8998, 57.3818.

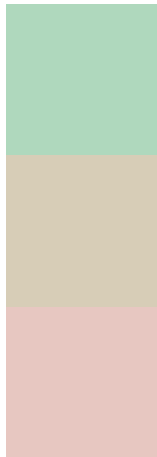


This preview shows how white text looks on a background with the XYZ color 51.4204, 61.8998,

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
51.4204, 61.8998, 57.3818
Protanopia
58.4029, 61.5286, 53.5978
Deuteranopia
63.0041, 61.6860, 59.0380



Tritanopia

56.4508, 62.0797, 81.6803

Trichromacy



Original Color

51.4204, 61.8998, 57.3818

Protanomaly

55.3768, 61.3831, 54.8284

Deuteranomaly

58.2097, 61.3173, 58.6366

Tritanomaly

54.3949, 61.9763, 72.0465

Monochromacy



Original Color

51.4204, 61.8998, 57.3818

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.8876, 59.3803, 61.4447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4204, 61.8998, 57.3818 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(175, 216, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 216, 189)  
}
```

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(175, 216, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 216, 189) }
```

Border

The CSS property to change the border of an element to XYZ 51.4204, 61.8998, 57.3818 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(175, 216, 189) }
```


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

```
.border{ border-color:rgb(175, 216, 189) }
```

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

Here you see how a box with a 4 pixel rgb(175, 216, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 216, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 216, 189);  
box-shadow:4px 4px 4px 4px rgb(175, 216,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4204, 61.8998, 57.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 216, 189) }
```

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

```
.background{ background-color: rgb(175,  
216, 189) }
```

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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