

Converting Colors

XYZ(52.1825, 61.3840, 58.9896)

Have a look what the booklet for
XYZ(52.1825, 61.3840, 58.9896)
contains.

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Color

**XYZ(52.1514, 61.4826,
58.9878)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D6C0
RGB	179, 214, 192
RGB Percent	70%, 84%, 75%
CMY	0.2980, 0.1608, 0.2471
CMYK	0.16, 0.00, 0.10, 0.16
HSL	142°, 30%, 77%
HSV	142°, 16%, 84%
XYZ	52.1514, 61.4826, 58.9878
YIQ	201.0270, -13.7980, -14.2620

Conversions

Conversions Part 2

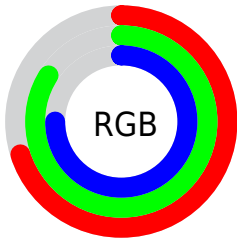
Format	Color
RYB	179, 205, 214
Decimal	11785920
CIELab	82.64, -15.83, 7.02
CIELCh	83, 17.315, 156.069
Yxy	61.4826, 0.3021, 0.3562
Android (android.graphics.Color)	4289976000 (0xFFB3D6C0)
YUV	201.0270, -4.4503, -19.3177
Hunter-Lab	78.4108, -18.4978, 10.2842

Details

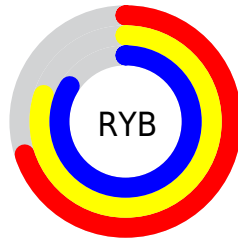
The XYZ color **52.1514, 61.4826, 58.9878** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.3965, 50.7549, 62.1908**, and the grayscale version is **55.5683, 58.4622, 63.6653**.

A 20% lighter version of the original color is **86.9642, 95.9595, 102.7455**, and **25.6625, 31.0960, 29.0757** is the 20% darker color. If you saturate the color by 10%, you get **46.1611, 58.5606, 51.2796**, and if you desaturate by 10%, it is **59.0490, 64.8600, 67.4524**.

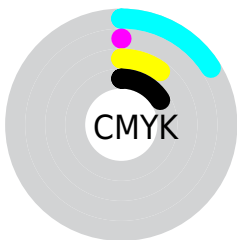
Distribution



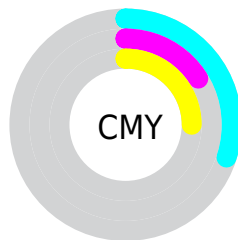
- Red (70%)
- Green (84%)
- Blue (75%)



- Red (70%)
- Yellow (80%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1514, 61.4826, 58.9878 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 52.1514, 61.4826, 58.9878 by changing the saturation by 10% instead.

■ 52.1514, 61.4826,
58.9878

■ 52.1514, 61.4826,
58.9878

385.3352,
430.0413, 438.5573

■ 37.3505, 44.6148,
42.1834

■ 92.5274, 106.9774,
104.8889

■ 25.6539, 31.1541,
28.9182

118.8332,
136.3731, 134.8226

■ 16.6962, 20.7162,
18.7739

149.7047,
170.7136, 169.9698

■ 10.1121, 12.9167,
11.3319

185.5073,
210.3833, 210.7491

■ 5.5362, 7.3712,
6.1736

226.6063,
255.7665, 257.5789

■ 2.6031, 3.6953,
2.8804

273.3670,

■ 0.9475, 1.5046,

307.2476, 310.8779

1.0339

326.1549,
365.2111, 371.0645

■ 0.0000, 0.2920,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1514, 61.4826,
58.9878

■ 52.1514, 61.4826,
58.9878

■ 46.1611, 58.5606,
51.2796

■ 59.0490, 64.8600,
67.4524

■ 41.0340, 56.0667,
44.3027

■ 66.8853, 68.7034,
76.6891

■ 36.7301, 53.9821,
38.0370

■ 75.6965, 73.0329,
86.7185

■ 33.2039, 52.2841,
32.4595

■ 81.8933, 75.9977,
97.3897

■ 30.4052, 50.9472,
27.5462

■ 83.3377, 76.5755,
104.9959

■ 28.2779, 49.9429,
23.2715

■ 26.7569, 49.2383,
19.6081

■ 25.7606, 48.7919,
16.5263

■ 25.4766, 48.6670,
15.5401

Harmonies

Analogous

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



54.3338, 61.4826, 51.7392



52.1514, 61.4826, 58.9878



51.6214, 61.4826, 69.1293

Triad

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



52.1514, 61.4826, 58.9878



59.1955, 61.4826, 89.4048



64.4004, 61.4826, 55.6127

Complementary

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



52.1514, 61.4826, 58.9878



54.3965, 50.7549, 62.1908

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.



65.8284, 61.4826, 64.8054



52.1514, 61.4826, 58.9878



62.7425, 61.4826, 84.8693

Square

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



52.1514, 61.4826, 58.9878



55.5889, 61.4826, 87.4269



65.2092, 61.4826, 75.5855



61.3815, 61.4826, 49.9398

Rectangle

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



52.1514, 61.4826, 58.9878



52.2558, 61.4826, 76.3379



65.2092, 61.4826, 75.5855



65.0881, 61.4826, 58.3544

Sweetspot

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



52.1531, 61.4852, 58.9892



89.2501, 97.1560, 102.0328



56.3177, 63.7913, 51.9933



18.9349, 20.7129, 21.6377



0.0000, 0.0000, 0.0000



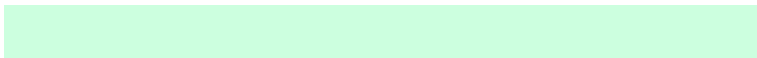
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1531, 61.4852, 58.9892



73.9732, 89.6819, 83.1821



54.1890, 62.2995, 69.7099



12.4512, 13.9715, 14.1906



15.4445, 29.4332, 9.6365



0.9709, 1.7910, 0.7887

Inverse Universe

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



54.3965, 50.7549, 62.1908



77.9817, 70.5053, 88.9004



52.4703, 49.9845, 52.0480



12.7483, 12.5508, 14.6148



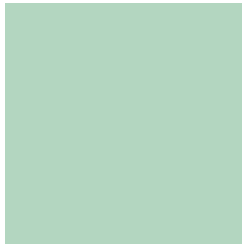
19.4367, 9.7110, 14.8696



1.2117, 0.6015, 1.1044

Previews

White Background



This preview shows how the XYZ color 52.1514, 61.4826, 58.9878 looks on a white background.

Color Contrast Check

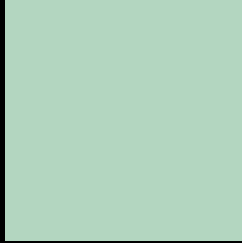
Large Text (above 18pt) WCAG AA × Fail

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 52.1514, 61.4826, 58.9878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

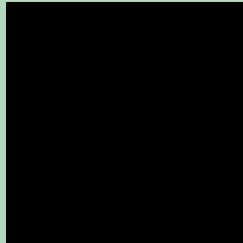
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

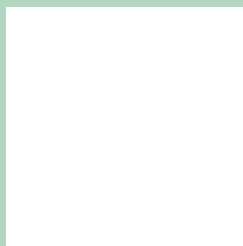
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1514, 61.4826, 58.9878

Background



This preview shows how black text looks on a background with the XYZ color 52.1514, 61.4826, 58.9878.

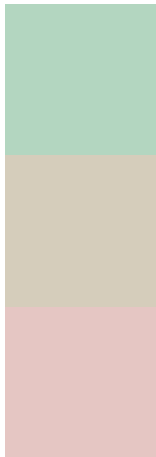


This preview shows how white text looks on a background with the XYZ color 52.1514, 61.4826, 58.9878.

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

52.1514, 61.4826, 58.9878

Protanopia

58.2415, 61.3966, 55.7948

Deuteranopia

62.3575, 60.9863, 60.1147



Tritanopia

56.5355, 61.4062, 80.8243

Trichromacy



Original Color

52.1514, 61.4826, 58.9878

Protanomaly

55.8286, 61.2034, 57.0151

Deuteranomaly

58.1944, 60.9297, 59.7324

Tritanomaly

54.9603, 61.5109, 72.5944

Monochromacy



Original Color

52.1514, 61.4826, 58.9878

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.2567, 59.5573, 62.0622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1514, 61.4826, 58.9878 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(179, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(179, 214, 192)  
}
```

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(179, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 214, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.1514, 61.4826, 58.9878 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(179, 214, 192) }
```


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

```
.border{ border-color:rgb(179, 214, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 214, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(179, 214,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1514, 61.4826, 58.9878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 214, 192) }
```

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

```
.background{ background-color: rgb(179,  
214, 192) }
```

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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