

Converting Colors

XYZ(48.2559, 65.1252, 60.2021)

Have a look what the booklet for
XYZ(48.2559, 65.1252, 60.2021)
contains.

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Color

**XYZ(48.1843, 64.9125,
60.4419)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE4C1
RGB	140, 228, 193
RGB Percent	55%, 89%, 76%
CMY	0.4510, 0.1059, 0.2431
CMYK	0.39, 0.00, 0.15, 0.11
HSL	156°, 62%, 72%
HSV	156°, 39%, 89%
XYZ	48.1843, 64.9125, 60.4419
YIQ	197.6980, -41.2130, -29.5410

Conversions

Conversions Part 2

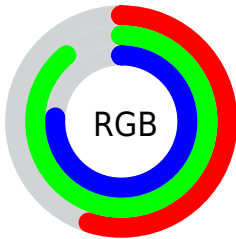
Format	Color
RYB	140, 195, 228
Decimal	9233601
CIELab	84.44, -34.24, 8.80
CIELCh	84, 35.357, 165.588
Yxy	64.9125, 0.2777, 0.3741
Android (android.graphics.Color)	4287423681 (0xFF8CE4C1)
YUV	197.6980, -2.3161, -50.6011
Hunter-Lab	80.5683, -34.2416, 11.9188

Details

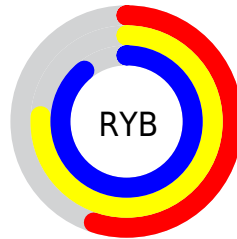
The XYZ color **48.1843, 64.9125, 60.4419** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **49.1131, 38.3470, 45.3732**, and the grayscale version is **53.5262, 56.3137, 61.3256**.

A 20% lighter version of the original color is **75.6238, 90.0953, 103.0269**, and **23.1590, 33.3004, 29.6331** is the 20% darker color. If you saturate the color by 10%, you get **43.7526, 62.7429, 55.1152**, and if you desaturate by 10%, it is **53.4776, 67.5225, 66.1356**.

Distribution



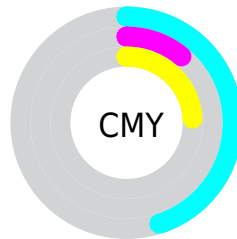
- Red (55%)
- Green (89%)
- Blue (76%)



- Red (55%)
- Yellow (76%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)





- Cyan (45%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1843, 64.9125, 60.4419 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 48.1843, 64.9125, 60.4419 by changing the saturation by 10% instead.


 48.1843, 64.9125,
60.4419


 48.1843, 64.9125,
60.4419


370.0926,
442.4775, 444.0745

 34.1847, 47.3901,
43.3473


 86.6868, 111.9241,
107.0201

 23.1991, 33.3442,
29.8243


 111.9204,
142.1820, 137.3407

 14.8621, 22.3902,
19.4543


141.6294,
177.4540, 172.9071

 8.8083, 14.1439,
11.8189

176.1791,
218.1243, 214.1378

 4.6725, 8.2208,
6.4994

215.9350,
264.5775, 261.4514

 2.0892, 4.2366,
3.0774

261.2623,

 0.6833, 1.8068,

317.1978, 315.2663

1.1343

312.5264,
376.3696, 376.0012

■ 0.0000, 0.4914,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.1843, 64.9125,
60.4419

■ 48.1843, 64.9125,
60.4419

■ 43.7526, 62.7429,
55.1152

■ 53.4776, 67.5225,
66.1356

■ 40.1265, 60.9799,
50.1430


■ 59.6735, 70.5888,
72.1996


■ 37.2516, 59.5972,
45.5182


■ 66.8166, 74.1360,
78.6429


■ 35.0641, 58.5621,
41.2316


■ 74.9472, 78.1847,
85.4728


 33.4888, 57.8360,
37.2736

 84.1029, 82.7543,
92.6961

 32.4148, 57.3618,
33.6325

 85.8371, 83.4901,
99.9227

 32.2826, 57.3043,
33.1454

 87.0346, 83.9691,
106.2282

Harmonies

Analogous

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



51.5171, 64.9125, 44.5050



48.1843, 64.9125, 60.4419



48.2524, 64.9125, 82.9619

Triad

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



48.1843, 64.9125, 60.4419



65.8492, 64.9125, 121.1167



72.8921, 64.9125, 44.0451

Complementary

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



48.1843, 64.9125, 60.4419



49.1131, 38.3470, 45.3732

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.



77.4331, 64.9125, 59.6719



48.1843, 64.9125, 60.4419



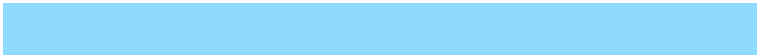
73.1375, 64.9125, 105.5099

Square

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



48.1843, 64.9125, 60.4419



58.0110, 64.9125, 121.4463



77.5266, 64.9125, 82.0106



65.5367, 64.9125, 36.4940

Rectangle

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



48.1843, 64.9125, 60.4419



50.2028, 64.9125, 98.9846



77.5266, 64.9125, 82.0106



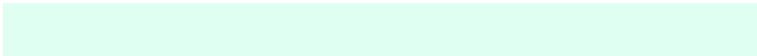
74.8248, 64.9125, 48.3598

Sweetspot

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



48.1861, 64.9151, 60.4434



82.7764, 93.8920, 98.4188



50.2033, 66.5201, 35.0057



17.4556, 19.9666, 20.8308



0.0000, 0.0000, 0.0000



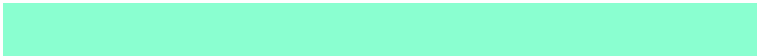
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1861, 64.9151, 60.4434



57.6192, 81.4688, 72.5850



50.2046, 61.9469, 82.7127



14.5520, 16.2342, 17.1715



18.7004, 33.1123, 19.4545



1.4274, 2.4651, 1.6773

Inverse Universe

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



49.1131, 38.3470, 45.3732



58.9746, 42.8266, 50.7012



47.4464, 39.8208, 29.9975



14.6133, 14.4625, 16.1639



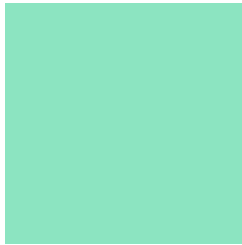
19.6123, 9.9791, 6.8534



1.4941, 0.7553, 0.7423

Previews

White Background



This preview shows how the XYZ color 48.1843, 64.9125, 60.4419 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 48.1843, 64.9125, 60.4419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

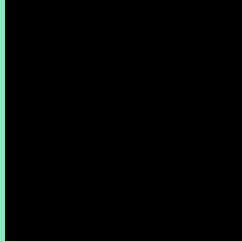
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1843, 64.9125, 60.4419

Background



This preview shows how black text looks on a background with the XYZ color 48.1843, 64.9125, 60.4419.

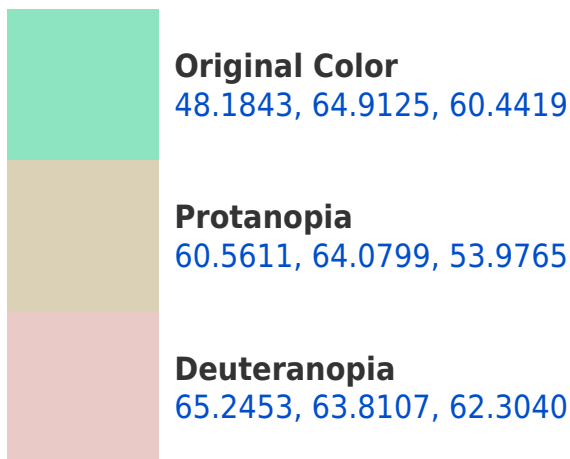


This preview shows how white text looks on a background with the XYZ color 48.1843, 64.9125,

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





Tritanopia

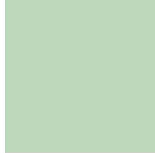
54.1989, 64.5242, 91.2592

Trichromacy



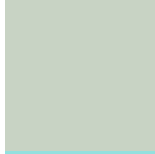
Original Color

48.1843, 64.9125, 60.4419



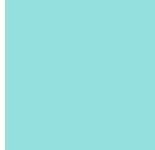
Protanomaly

54.7607, 63.6467, 56.4126



Deuteranomaly

57.0775, 62.8534, 61.3482



Tritanomaly

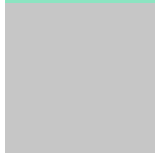
51.8731, 64.7883, 78.8786

Monochromacy



Original Color

48.1843, 64.9125, 60.4419



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

50.8957, 58.9336, 60.9174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1843, 64.9125, 60.4419 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(140, 228, 193)` looks like.

```
.text, #text, p{  
    color:rgb(140, 228, 193)  
}
```

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(140, 228, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 228, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.1843, 64.9125, 60.4419 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(140, 228, 193) }
```


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

```
.border{ border-color:rgb(140, 228, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 228, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 228, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 228, 193);  
box-shadow:4px 4px 4px 4px rgb(140, 228,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1843, 64.9125, 60.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 228, 193) }
```

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

```
.background{ background-color: rgb(140,  
228, 193) }
```

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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