

Converting Colors

XYZ(58.2091, 63.2379, 65.1011)

Have a look what the booklet for
XYZ(58.2091, 63.2379, 65.1011)
contains.

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Color

**XYZ(58.3121, 63.4094,
65.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD3CA
RGB	202, 211, 202
RGB Percent	79%, 83%, 79%
CMY	0.2078, 0.1725, 0.2078
CMYK	0.04, 0.00, 0.04, 0.17
HSL	120°, 9%, 81%
HSV	120°, 4%, 83%
XYZ	58.3121, 63.4094, 65.0430
YIQ	207.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

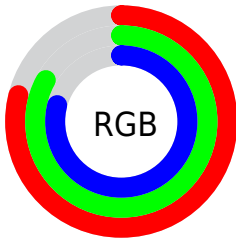
Format	Color
R_{YB}	202, 211, 211
Decimal	13292490
CIE Lab	83.66, -4.70, 3.38
CIE LCh	84, 5.791, 144.248
Yxy	63.4094, 0.3122, 0.3395
Android (android.graphics.Color)	4291482570 (0xFFCAD3CA)
YUV	207.2830, -2.6045, -4.6332
Hunter-Lab	79.6300, -8.6391, 7.3120

Details

The XYZ color **58.3121, 63.4094, 65.0430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7448, 60.7947, 70.2169**, and the grayscale version is **59.5096, 62.6087, 68.1809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6150, 32.5480, 32.7385** is the 20% darker color. If you saturate the color by 10%, you get **50.6587, 59.7350, 52.5230**, and if you desaturate by 10%, it is **67.0914, 67.6284, 79.4015**.

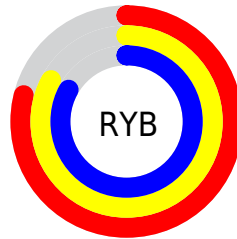
Distribution



Red (79%)

Green (83%)

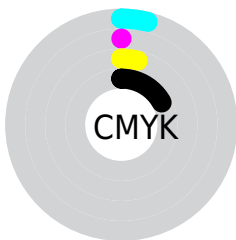
Blue (79%)



Red (79%)

Yellow (83%)

Blue (83%)

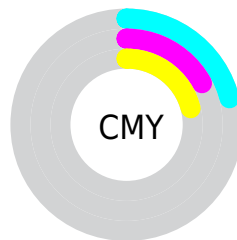


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (17%)



Cyan (21%)

Magenta (17%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3121, 63.4094, 65.0430 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 58.3121, 63.4094, 65.0430 by changing the saturation by 10% instead.

■ 58.3121, 63.4094,
65.0430

■ 58.3121, 63.4094,
65.0430

408.2830,
437.0538, 461.2569

■ 42.3038, 46.1725,
47.0444

101.4976,
109.7599, 113.7255

■ 29.5314, 32.3820,
32.7161

129.4055,
139.6424, 145.2466

■ 19.6295, 21.6534,
21.6397

162.0107,
174.5087, 182.1121

■ 12.2327, 13.6025,
13.3967

199.6785,
214.7434, 224.7407

■ 6.9757, 7.8447,
7.5683

242.7743,
260.7309, 273.5510

■ 3.4931, 3.9957,
3.7362

291.6634,

■ 1.4196, 1.6712,

312.8555, 328.9614

1.4818

346.7112,
371.5017, 391.3905

■ 0.2701, 0.4049,
0.2043

■ 0.0000, 0.0000,
0.0000

■ 58.3121, 63.4094,
65.0430

■ 58.3121, 63.4094,
65.0430

■ 50.6587, 59.7350,
52.5230

■ 67.0914, 67.6284,
79.4015

■ 44.0806, 56.5752,
41.7634

■ 77.0338, 72.4043,
95.6641

■ 38.5313, 53.9095,
32.6865

■ 82.5855, 75.0710,
104.7452

■ 33.9588, 51.7131,
25.2073

■ 30.3065, 49.9587,
19.2333

■ 27.5122, 48.6165,
14.6626

■ 25.5058, 47.6527,
11.3807

■ 24.2064, 47.0286,
9.2552

■ 23.5155, 46.6967,
8.1250

Harmonies

Analogous

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



59.2732, 63.4094, 62.8706



58.3121, 63.4094, 65.0430



57.8758, 63.4094, 68.3447

Triad

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



58.3121, 63.4094, 65.0430



60.0248, 63.4094, 76.2234



62.5187, 63.4094, 66.2146

Complementary

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



58.3121, 63.4094, 65.0430



59.7448, 60.7947, 70.2169

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.



62.7267, 63.4094, 69.7441



58.3121, 63.4094, 65.0430



61.2753, 63.4094, 75.6048

Square

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



58.3121, 63.4094, 65.0430



58.8557, 63.4094, 74.8638



62.2687, 63.4094, 73.2018



61.7042, 63.4094, 63.5302

Rectangle

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



58.3121, 63.4094, 65.0430



57.9369, 63.4094, 70.7745



62.2687, 63.4094, 73.2018



62.6623, 63.4094, 67.3382

Sweetspot

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



58.3139, 63.4121, 65.0444



93.7102, 99.3564, 106.7085



60.8218, 64.7050, 65.1617



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



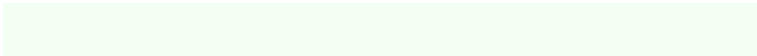
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3139, 63.4121, 65.0444



88.5285, 96.8674, 98.2329



58.8548, 63.6285, 67.8931



12.2905, 13.5109, 13.5841



14.0581, 28.1162, 4.6861



0.7860, 1.5721, 0.2620

Inverse Universe

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



59.7448, 60.7947, 70.2169



91.1166, 92.1332, 107.5887



59.1881, 60.5721, 67.2856



12.6933, 12.7741, 15.0403



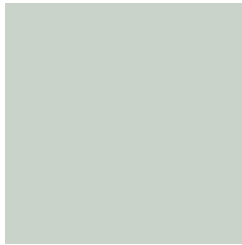
23.3080, 11.1960, 38.1237



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 58.3121, 63.4094, 65.0430 looks on a white background.

Color Contrast Check

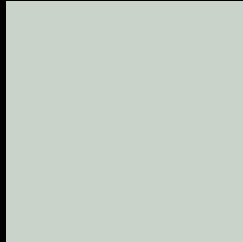
Large Text (above 18pt) WCAG AA × Fail

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 58.3121, 63.4094, 65.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

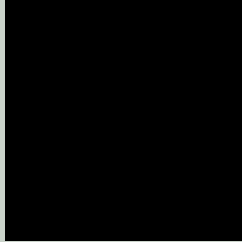
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

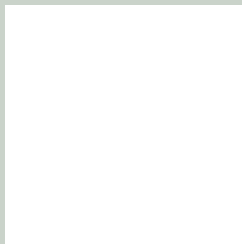
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3121, 63.4094, 65.0430

Background



This preview shows how black text looks on a background with the XYZ color 58.3121, 63.4094, 65.0430.

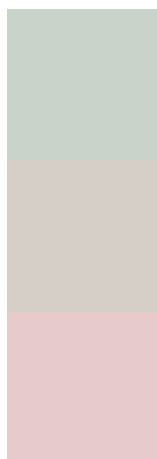


This preview shows how white text looks on a background with the XYZ color 58.3121, 63.4094,

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

58.3121, 63.4094, 65.0430

Protanopia

60.4697, 63.0919, 63.6344

Deuteranopia

64.6527, 63.4237, 65.9612



Tritanopia

61.1873, 63.4727, 79.5476

Trichromacy



Original Color

58.3121, 63.4094, 65.0430

Protanomaly

59.6768, 63.0304, 64.2791

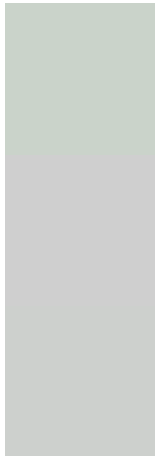
Deuteranomaly

62.1260, 63.1901, 65.4224

Tritanomaly

60.0970, 63.3962, 74.0350

Monochromacy



Original Color

58.3121, 63.4094, 65.0430

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7522, 62.4987, 66.7245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3121, 63.4094, 65.0430 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(202, 211, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 202)  
}
```

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(202, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.3121, 63.4094, 65.0430 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(202, 211, 202) }
```


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

```
.border{ border-color:rgb(202, 211, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 211, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3121, 63.4094, 65.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 202) }
```

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

```
.background{ background-color: rgb(202,  
211, 202) }
```

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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