

Converting Colors

XYZ(56.6663, 64.0807, 64.7979)

Have a look what the booklet for
XYZ(56.6663, 64.0807, 64.7979)
contains.

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Color

**XYZ(56.5813, 64.0244,
64.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D7C9
RGB	192, 215, 201
RGB Percent	75%, 84%, 79%
CMY	0.2471, 0.1568, 0.2118
CMYK	0.11, 0.00, 0.07, 0.16
HSL	143°, 22%, 80%
HSV	143°, 11%, 84%
XYZ	56.5813, 64.0244, 64.6341
YIQ	206.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

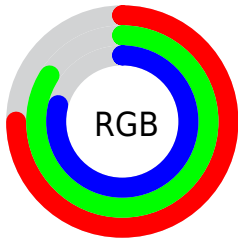
Format	Color
RYB	192, 209, 215
Decimal	12638153
CIELab	83.98, -10.33, 4.29
CIELCh	84, 11.186, 157.442
Yxy	64.0244, 0.3054, 0.3456
Android (android.graphics.Color)	4290828233 (0xFFC0D7C9)
YUV	206.5270, -2.7248, -12.7402
Hunter-Lab	80.0152, -13.8037, 8.1179

Details

The XYZ color **56.5813, 64.0244, 64.6341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0169, 56.6042, 66.2635**, and the grayscale version is **59.0267, 62.1007, 67.6277**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **28.3185, 32.6515, 32.4136** is the 20% darker color. If you saturate the color by 10%, you get **50.0555, 60.8324, 56.6315**, and if you desaturate by 10%, it is **64.0372, 67.6843, 73.3679**.

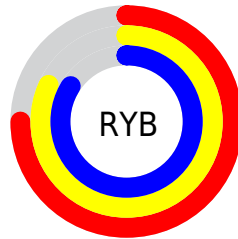
Distribution



Red (75%)

Green (84%)

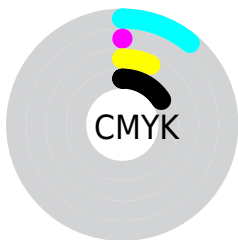
Blue (79%)



Red (75%)

Yellow (82%)

Blue (84%)

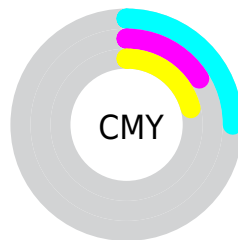


Cyan (11%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (25%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5813, 64.0244, 64.6341 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 56.5813, 64.0244, 64.6341 by changing the saturation by 10% instead.

■ 56.5813, 64.0244,
64.6341

■ 56.5813, 64.0244,
64.6341

401.9181,
439.2777, 459.7461

■ 40.9080, 46.6704,
46.7150

■ 98.9889, 110.6461,
113.1319

■ 28.4346, 32.7752,
32.4577

126.4539,
140.6826, 144.5476

■ 18.7956, 21.9543,
21.4436

158.5802,
175.7154, 181.2993

■ 11.6258, 13.8233,
13.2543

195.7331,
216.1289, 223.8055

■ 6.5598, 7.9979,
7.4711

238.2780,
262.3075, 272.4848

■ 3.2322, 4.0936,
3.6755


286.5802,

■ 1.2777, 1.7261,


314.6356, 327.7556


1.4491


341.0051,
373.4975, 390.0365


 0.1665, 0.4404,
0.1796

 0.0000, 0.0000,
0.0000


 56.5813, 64.0244,
64.6341


 56.5813, 64.0244,
64.6341


 50.0555, 60.8324,
56.6315


 64.0372, 67.6843,
73.3679


 44.4168, 58.0812,
49.3370

 72.4532, 71.8218,
82.8466

 39.6269, 55.7531,
42.7324

 81.3095, 76.1705,
93.0630

 35.6422, 53.8262,
36.7975

 83.3280, 76.9778,
103.6920

■ 32.4153, 52.2763,
31.5105

■ 83.5917, 77.0833,
105.0806

■ 29.8936, 51.0769,
26.8489

■ 28.0171, 50.1974,
22.7885

■ 26.7150, 49.6020,
19.3035

■ 25.9066, 49.2453,
16.5521

Harmonies

Analogous

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



58.0177, 64.0244, 59.4824



56.5813, 64.0244, 64.6341



56.2745, 64.0244, 71.4842

Triad

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



56.5813, 64.0244, 64.6341



61.4691, 64.0244, 84.0527



64.6936, 64.0244, 61.7824

Complementary

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



56.5813, 64.0244, 64.6341



58.0169, 56.6042, 66.2635

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.



65.6739, 64.0244, 67.9687



56.5813, 64.0244, 64.6341



63.7798, 64.0244, 81.0513

Square

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



56.5813, 64.0244, 64.6341



59.0535, 64.0244, 83.0103



65.3350, 64.0244, 75.0485



62.6893, 64.0244, 57.9151

Rectangle

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



56.5813, 64.0244, 64.6341



56.7440, 64.0244, 76.1547



65.3350, 64.0244, 75.0485



65.1563, 64.0244, 63.6427

Sweetspot

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



56.5831, 64.0271, 64.6355



91.5505, 98.2815, 104.8698



59.3218, 65.5577, 59.3974



19.4001, 20.9403, 22.2195



0.0000, 0.0000, 0.0000



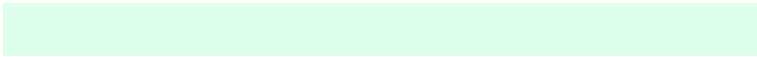
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5831, 64.0271, 64.6355



80.8076, 93.0137, 92.1553



57.9645, 64.5797, 71.9100



12.4616, 13.9756, 14.2451



15.5431, 29.4726, 10.1554



0.9775, 1.7937, 0.8234

Inverse Universe

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



58.0169, 56.6042, 66.2635



83.3530, 79.8355, 95.0448



56.6905, 56.0737, 59.2788



12.7376, 12.5466, 14.5586



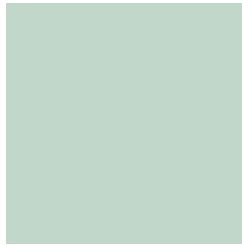
19.2609, 9.6407, 13.9438



1.2018, 0.5975, 1.0522

Previews

White Background



This preview shows how the XYZ color 56.5813, 64.0244, 64.6341 looks on a white background.

Color Contrast Check

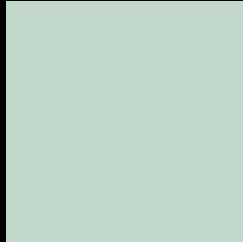
Large Text (above 18pt) WCAG AA × Fail

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 56.5813, 64.0244, 64.6341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

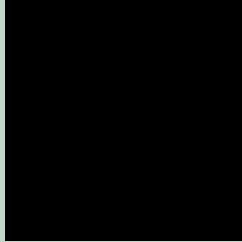
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

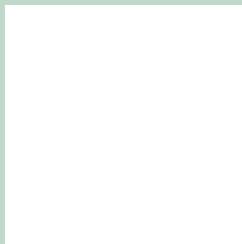
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5813, 64.0244, 64.6341

Background



This preview shows how black text looks on a background with the XYZ color 56.5813, 64.0244, 64.6341.



This preview shows how white text looks on a background with the XYZ color 56.5813, 64.0244,

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

56.5813, 64.0244, 64.6341

Protanopia

60.9528, 63.7419, 61.9142

Deuteranopia

64.9746, 63.5896, 65.9762



Tritanopia

60.0628, 63.9257, 82.5720

Trichromacy



Original Color

56.5813, 64.0244, 64.6341

Protanomaly

59.2194, 63.9311, 62.6448

Deuteranomaly

61.7076, 63.6892, 65.5408

Tritanomaly

58.7040, 63.7510, 75.5408

Monochromacy



Original Color

56.5813, 64.0244, 64.6341

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4232, 63.0575, 66.8497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5813, 64.0244, 64.6341 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(192, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(192, 215, 201)  
}
```

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(192, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 215, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.5813, 64.0244, 64.6341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

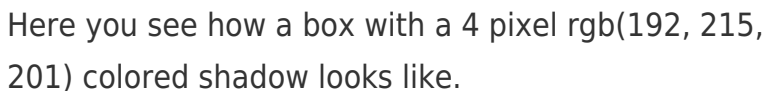
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 215, 201) }
```


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

```
.border{ border-color:rgb(192, 215, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 215, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 215, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 215, 201); box-shadow:4px 4px 4px 4px rgb(192, 215, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5813, 64.0244, 64.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 215, 201) }
```

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

```
.background{ background-color: rgb(192,  
215, 201) }
```

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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