

Converting Colors

XYZ(56.5774, 64.5220, 59.3415)

Have a look what the booklet for
XYZ(56.5774, 64.5220, 59.3415)
contains.

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Color

**XYZ(56.5760, 64.5196,
59.3408)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D8C0
RGB	195, 216, 192
RGB Percent	76%, 85%, 75%
CMY	0.2353, 0.1529, 0.2471
CMYK	0.10, 0.00, 0.11, 0.15
HSL	113°, 24%, 80%
HSV	113°, 11%, 85%
XYZ	56.5760, 64.5196, 59.3408
YIQ	206.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

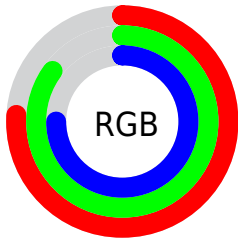
Format	Color
RYB	192, 216, 213
Decimal	12835008
CIELab	84.24, -11.45, 9.45
CIELCh	84, 14.850, 140.457
Yxy	64.5196, 0.3136, 0.3576
Android (android.graphics.Color)	4291025088 (0xFFC3D8C0)
YUV	206.9850, -7.3876, -10.5108
Hunter-Lab	80.3241, -14.8413, 12.4254

Details

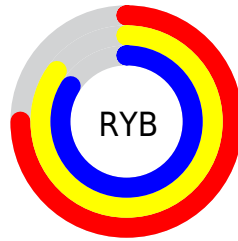
The XYZ color **56.5760, 64.5196, 59.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6873, 56.8050, 72.8404**, and the grayscale version is **59.3483, 62.4391, 67.9961**.

A 20% lighter version of the original color is **92.8482, 98.9928, 103.0208**, and **28.3896, 33.0165, 29.3026** is the 20% darker color. If you saturate the color by 10%, you get **49.7780, 61.2735, 47.4329**, and if you desaturate by 10%, it is **64.3470, 68.2304, 73.1306**.

Distribution



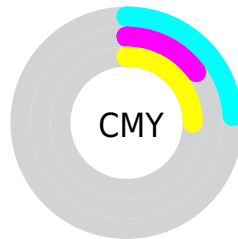
- Red (76%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5760, 64.5196, 59.3408 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 56.5760, 64.5196, 59.3408 by changing the saturation by 10% instead.

■ 56.5760, 64.5196,
59.3408

■ 56.5760, 64.5196,
59.3408

401.8985,
441.0636, 439.9007

■ 40.9037, 47.0716,
42.4657

■ 98.9812, 111.3589,
105.4068

■ 28.4312, 33.0923,
29.1378

126.4448,
141.5191, 135.4348

■ 18.7931, 22.1972,
18.9386

158.5696,
176.6854, 170.6842

■ 11.6240, 14.0018,
11.4496

195.7209,
217.2423, 211.5735

■ 6.5585, 8.1219,
6.2521

238.2641,
263.5742, 258.5212

■ 3.2314, 4.1731,
2.9277

286.5646,

■ 1.2773, 1.7708,

316.0654, 311.9460

1.0579

340.9876,
375.1004, 372.2663

■ 0.1661, 0.4689,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5760, 64.5196,
59.3408

■ 56.5760, 64.5196,
59.3408

■ 49.7780, 61.2735,
47.4329

■ 64.3470, 68.2304,
73.1306

■ 43.9096, 58.4660,
37.3212

■ 73.1219, 72.4147,
88.8743

■ 38.9316, 56.0805,
28.9199

■ 82.6450, 76.9745,
105.1094

■ 34.8003, 54.0967,
22.1343

■ 83.8471, 77.5942,
105.1657

■ 31.4679, 52.4920,
16.8608

■ 28.8822, 51.2422,
12.9835

■ 26.9843, 50.3197,
10.3699

■ 25.7062, 49.6928,
8.8618

■ 25.0090, 49.3472,
8.2069

Harmonies

Analogous

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



59.1405, 64.5196, 54.6132



56.5760, 64.5196, 59.3408



55.2973, 64.5196, 67.2911

Triad

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



56.5760, 64.5196, 59.3408



60.2816, 64.5196, 89.6652



67.4411, 64.5196, 64.1100

Complementary

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



56.5760, 64.5196, 59.3408



58.6873, 56.8050, 72.8404

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.



67.7733, 64.5196, 73.2962



56.5760, 64.5196, 59.3408



63.5605, 64.5196, 88.6204

Square

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



56.5760, 64.5196, 59.3408



57.3857, 64.5196, 85.1612



66.3304, 64.5196, 82.4224



65.4384, 64.5196, 57.1911

Rectangle

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



56.5760, 64.5196, 59.3408



55.3136, 64.5196, 73.5890



66.3304, 64.5196, 82.4224



67.7546, 64.5196, 67.0152

Sweetspot

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



56.5778, 64.5224, 59.3422



91.4226, 98.2695, 102.4286



61.5800, 65.8957, 59.3436



19.3655, 20.9370, 21.5631



0.0000, 0.0000, 0.0000



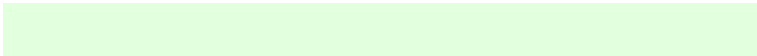
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5778, 64.5224, 59.3422



80.2865, 92.9535, 82.7121



56.8152, 64.5287, 64.5976



12.4052, 13.9696, 13.2033



14.8514, 29.2325, 4.8597



0.9445, 1.7883, 0.2954

Inverse Universe

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



58.6873, 56.8050, 72.8404



83.8636, 79.8656, 105.6033



58.4577, 56.8146, 67.0474



12.7932, 12.5503, 15.6857



19.8219, 9.3711, 39.2172



1.2393, 0.5878, 2.3674

Previews

White Background



This preview shows how the XYZ color 56.5760, 64.5196, 59.3408 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 56.5760, 64.5196, 59.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

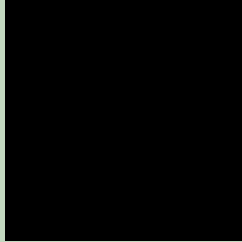
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

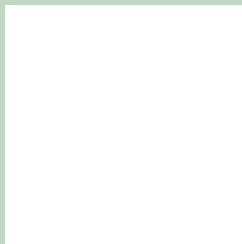
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5760, 64.5196, 59.3408

Background



This preview shows how black text looks on a background with the XYZ color 56.5760, 64.5196, 59.3408.



This preview shows how white text looks on a background with the XYZ color 56.5760, 64.5196,

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

56.5760, 64.5196, 59.3408

Protanopia

61.0910, 64.2918, 56.7667

Deuteranopia

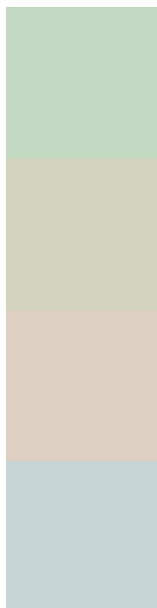
65.7983, 64.4849, 60.6086



Tritanopia

61.3853, 64.6075, 82.6339

Trichromacy



Original Color

56.5760, 64.5196, 59.3408

Protanomaly

59.3071, 64.4627, 57.4608

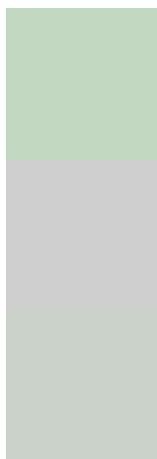
Deuteranomaly

62.1123, 64.3789, 60.1916

Tritanomaly

59.6132, 64.6369, 73.6242

Monochromacy



Original Color

56.5760, 64.5196, 59.3408

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.3359, 63.0540, 64.9731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5760, 64.5196, 59.3408 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(195, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(195, 216, 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(195, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 216, 192) }
```

Border

The CSS property to change the border of an element to XYZ 56.5760, 64.5196, 59.3408 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(195, 216, 192) }
```


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

```
.border{ border-color:rgb(195, 216, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 216, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(195, 216,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5760, 64.5196, 59.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 216, 192) }
```

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

```
.background{ background-color: rgb(195,  
216, 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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