

Converting Colors

XYZ(57.5616, 61.2183, 63.2249)

Have a look what the booklet for
XYZ(57.5616, 61.2183, 63.2249)
contains.

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Color

**XYZ(57.6735, 61.2919,
63.4344)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCEC8
RGB	205, 206, 200
RGB Percent	80%, 81%, 78%
CMY	0.1961, 0.1921, 0.2157
CMYK	0.00, 0.00, 0.03, 0.19
HSL	70°, 6%, 80%
HSV	70°, 3%, 81%
XYZ	57.6735, 61.2919, 63.4344
YIQ	205.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

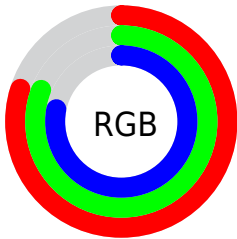
Format	Color
R _Y B	200, 206, 201
Decimal	13487816
CIE Lab	82.54, -1.42, 2.85
CIE LCh	83, 3.184, 116.498
Yxy	61.2919, 0.3162, 0.3360
Android (android.graphics.Color)	4291677896 (0xFFCDCEC8)
YUV	205.0170, -2.4734, -0.0149
Hunter-Lab	78.2891, -5.5099, 6.7622

Details

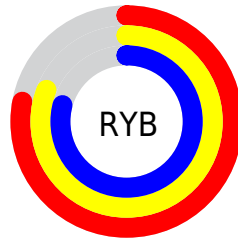
The XYZ color **57.6735, 61.2919, 63.4344** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8846, 58.1840, 66.6809**, and the grayscale version is **58.0553, 61.0787, 66.5147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1790, 31.1111, 31.6613** is the 20% darker color. If you saturate the color by 10%, you get **54.4873, 59.9108, 51.5529**, and if you desaturate by 10%, it is **61.2085, 62.8188, 77.0281**.

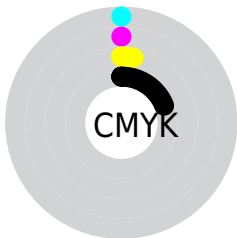
Distribution



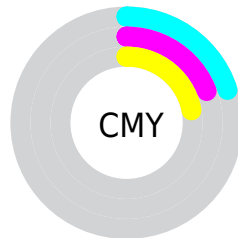
- Red (80%)
- Green (81%)
- Blue (78%)



- Red (78%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6735, 61.2919, 63.4344 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 57.6735, 61.2919, 63.4344 by changing the saturation by 10% instead.

■ 57.6735, 61.2919,
63.4344

■ 57.6735, 61.2919,
63.4344

405.9417,
429.3435, 455.2956

■ 41.7885, 44.4608,
45.7495

100.5729,
106.7015, 111.3876

■ 29.1261, 31.0329,
31.7009

128.3181,
136.0487, 142.4929

■ 19.3210, 20.6239,
20.8702

160.7473,
170.3368, 178.9088

■ 12.0078, 12.8494,
12.8389

198.2259,
209.9501, 221.0538

■ 6.8212, 7.3249,
7.1883

241.1193,
255.2730, 269.3465

■ 3.3959, 3.6661,
3.4999

289.7928,

■ 1.3664, 1.4886,

306.6900, 324.2053

1.3552

344.6118,
364.5853, 386.0488

■ 0.2321, 0.2807,
0.1064

■ 0.0000, 0.0000,
0.0000

■ 57.6735, 61.2919,
63.4344

■ 57.6735, 61.2919,
63.4344

■ 54.4873, 59.9108,
51.5529

■ 61.2085, 62.8188,
77.0281

■ 51.6318, 58.6625,
41.3119

■ 65.0995, 64.4886,
92.3942

■ 49.0948, 57.5439,
32.6403

■ 68.2448, 65.8626,
103.7236

■ 46.8613, 56.5491,
25.4602

■ 69.2690, 66.3906,
103.7715

■ 44.9153, 55.6717,
19.6874

■ 70.3146, 66.9296,
103.8205

■ 43.2390, 54.9044,
15.2290

■ 71.3817, 67.4797,
103.8704

■ 41.8124, 54.2394,
11.9810

■ 72.4706, 68.0410,
103.9214

■ 40.6128, 53.6675,
9.8239

■ 73.5812, 68.6136,
103.9733

■ 39.6126, 53.1776,
8.6135

■ 74.7138, 69.1975,
104.0263

Harmonies

Analogous

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



58.3362, 61.2919, 63.0608



57.6735, 61.2919, 63.4344



57.1704, 61.2919, 64.6867

Triad

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



57.6735, 61.2919, 63.4344



57.5359, 61.2919, 69.9145



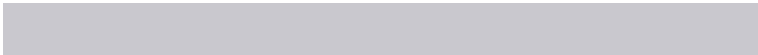
59.5737, 61.2919, 66.9659

Complementary

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



57.6735, 61.2919, 63.4344



55.8846, 58.1840, 66.6809

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.



59.3555, 61.2919, 68.8291



57.6735, 61.2919, 63.4344



58.1761, 61.2919, 70.5522

Square

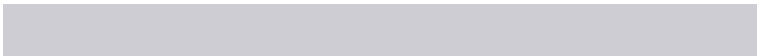
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.6735, 61.2919, 63.4344



57.0914, 61.2919, 68.4246



58.8426, 61.2919, 70.1512



59.4365, 61.2919, 65.0763

Rectangle

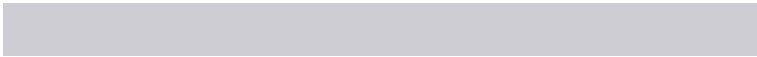
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.6735, 61.2919, 63.4344



56.9914, 61.2919, 65.8642



58.8426, 61.2919, 70.1512



59.5394, 61.2919, 67.6163

Sweetspot

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



57.6752, 61.2945, 63.4357



94.4854, 99.7561, 106.7447



56.7676, 59.0670, 63.0536



20.2297, 21.3545, 22.8705



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.



57.6752, 61.2945, 63.4357



93.3736, 99.2753, 102.5199



56.8559, 60.8722, 63.3974



12.3547, 13.1682, 13.4260



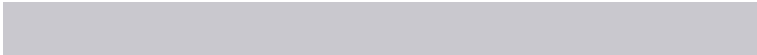
24.0786, 32.5883, 5.0211



1.2923, 1.7070, 0.2614

Inverse Universe

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



55.8846, 58.1840, 66.6809



90.3527, 94.0274, 107.9948



56.6987, 58.6036, 66.7190



11.8607, 12.3100, 14.3213



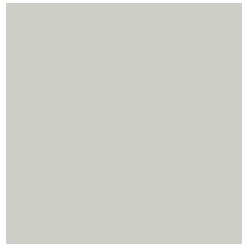
7.3310, 2.9868, 36.1464



0.4339, 0.1828, 1.8674

Previews

White Background



This preview shows how the XYZ color 57.6735, 61.2919, 63.4344 looks on a white background.

Color Contrast Check

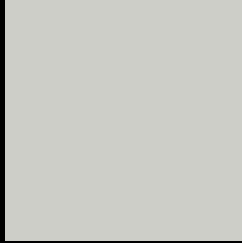
Large Text (above 18pt) WCAG AA × Fail

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 57.6735, 61.2919, 63.4344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

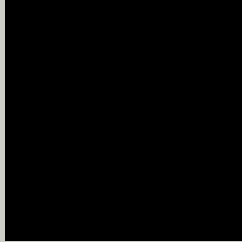
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

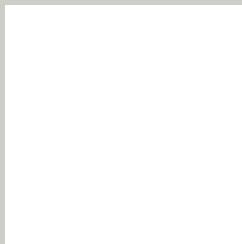
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6735, 61.2919, 63.4344

Background



This preview shows how black text looks on a background with the XYZ color 57.6735, 61.2919, 63.4344.

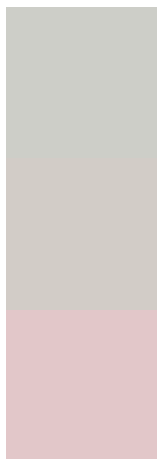


This preview shows how white text looks on a background with the XYZ color 57.6735, 61.2919,

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

57.6735, 61.2919, 63.4344

Protanopia

58.4800, 61.0109, 62.7269

Deuteranopia

62.3301, 61.2326, 63.7923



Tritanopia

60.1545, 61.2362, 75.6671

Trichromacy



Original Color

57.6735, 61.2919, 63.4344

Protanomaly

58.1525, 61.1961, 62.7799

Deuteranomaly

60.5766, 61.3635, 63.9100

Tritanomaly

59.2087, 61.2046, 70.9804

Monochromacy



Original Color

57.6735, 61.2919, 63.4344

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7877, 60.9536, 65.2194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6735, 61.2919, 63.4344 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(205, 206, 200) looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 200)  
}
```

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(205, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.6735, 61.2919, 63.4344 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(205, 206, 200) }
```


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

```
.border{ border-color:rgb(205, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 200);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6735, 61.2919, 63.4344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 200) }
```

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

```
.background{ background-color: rgb(205,  
206, 200) }
```

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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