

Converting Colors

XYZ(60.2638, 63.7427, 66.9217)

Have a look what the booklet for
XYZ(60.2638, 63.7427, 66.9217)
contains.

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Color

**XYZ(60.1144, 63.5640,
66.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D1CD
RGB	209, 209, 205
RGB Percent	82%, 82%, 80%
CMY	0.1804, 0.1804, 0.1961
CMYK	0.00, 0.00, 0.02, 0.18
HSL	60°, 4%, 81%
HSV	60°, 2%, 82%
XYZ	60.1144, 63.5640, 66.8583
YIQ	208.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

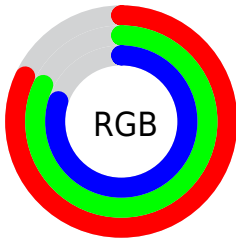
Format	Color
R_{YB}	205, 209, 205
Decimal	13750733
CIE Lab	83.74, -0.72, 1.97
CIE LCh	84, 2.097, 109.964
Yxy	63.5640, 0.3155, 0.3336
Android (android.graphics.Color)	4291940813 (0xFFD1D1CD)
YUV	208.5440, -1.7472, 0.3999
Hunter-Lab	79.7270, -4.9328, 6.0889

Details

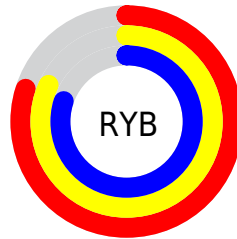
The XYZ color **60.1144, 63.5640, 66.8583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5192, 61.2469, 69.0624**, and the grayscale version is **60.3193, 63.4606, 69.1086**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8248, 32.6456, 33.9547** is the 20% darker color. If you saturate the color by 10%, you get **57.7534, 62.6210, 54.4460**, and if you desaturate by 10%, it is **62.8160, 64.6473, 81.0484**.

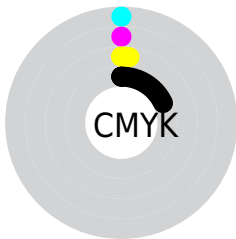
Distribution



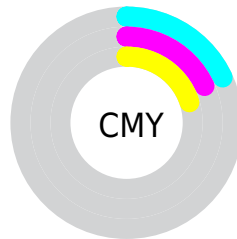
- Red (82%)
- Green (82%)
- Blue (80%)



- Red (80%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1144, 63.5640, 66.8583 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 60.1144, 63.5640, 66.8583 by changing the saturation by 10% instead.

■ 60.1144, 63.5640,
66.8583

■ 60.1144, 63.5640,
66.8583

414.8473,
437.6135, 467.9280

■ 43.7607, 46.2976,
48.5086

104.1010,
109.9828, 116.3561

■ 30.6795, 32.4808,
33.8670

132.4646,
139.9040, 148.3412

■ 20.5055, 21.7290,
22.5149

165.5621,
174.8123, 185.7086

■ 12.8735, 13.6579,
14.0338

203.7591,
215.0920, 228.8768

■ 7.4179, 7.8831,
8.0052

247.4207,
261.1276, 278.2642

■ 3.7734, 4.0202,
4.0104

296.9124,

■ 1.5748, 1.6849,

313.3034, 334.2896

1.6311

352.5994,
372.0039, 397.3713

■ 0.3759, 0.4138,
0.3128

■ 0.0000, 0.0000,
0.0000

■ 60.1144, 63.5640,
66.8583

■ 60.1144, 63.5640,
66.8583

■ 57.7534, 62.6210,
54.4460

■ 62.8160, 64.6473,
81.0484

■ 55.7145, 61.8048,
43.7376

■ 65.8655, 65.8677,
97.0782

■ 53.9853, 61.1125,
34.6600

■ 67.1629, 66.3873,
103.8819

■ 52.5505, 60.5379,
27.1331

■ 67.1684, 66.3901,
103.8822

■ 51.3938, 60.0746,
21.0704

■ 67.1738, 66.3930,
103.8824

■ 50.4970, 59.7153,
16.3766

■ 67.1793, 66.3958,
103.8827

■ 49.8400, 59.4519,
12.9452

■ 67.1848, 66.3986,
103.8829

■ 49.3996, 59.2750,
10.6542

■ 67.1902, 66.4014,
103.8832

■ 49.1479, 59.1738,
9.3574

■ 67.1957, 66.4042,
103.8834

Harmonies

Analogous

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



60.5698, 63.5640, 66.7476



60.1144, 63.5640, 66.8583



59.7415, 63.5640, 67.5948

Triad

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



60.1144, 63.5640, 66.8583



59.8489, 63.5640, 71.1666



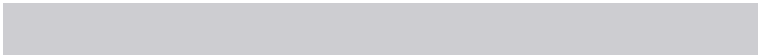
61.2902, 63.5640, 69.6525

Complementary

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



60.1144, 63.5640, 66.8583



58.5192, 61.2469, 69.0624

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.



61.0949, 63.5640, 70.8516



60.1144, 63.5640, 66.8583



60.2618, 63.5640, 71.7331

Square

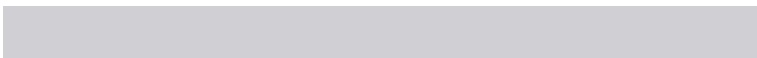
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.1144, 63.5640, 66.8583



59.5887, 63.5640, 70.0783



60.7180, 63.5640, 71.6170



61.2503, 63.5640, 68.3497

Rectangle

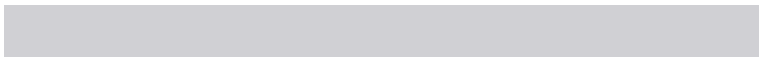
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1144, 63.5640, 66.8583



59.5891, 63.5640, 68.3467



60.7180, 63.5640, 71.6170



61.2499, 63.5640, 70.0813

Sweetspot

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



60.1162, 63.5667, 66.8597



94.6412, 99.8364, 106.7520



59.1472, 61.6272, 66.5364



20.2614, 21.3708, 22.8720



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.



60.1162, 63.5667, 66.8597



94.2379, 99.6750, 104.6326



59.5543, 63.2771, 66.8334



13.1997, 13.9561, 14.6882



30.2374, 36.4569, 5.4432



1.6910, 2.0386, 0.3044

Inverse Universe

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



58.5192, 61.2469, 69.0624



91.5947, 95.8355, 108.2783



59.0739, 61.5329, 69.0884



12.8552, 13.4557, 15.1633



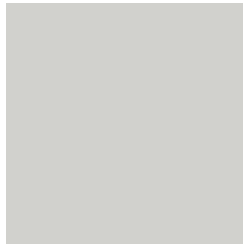
7.0978, 2.8394, 37.3664



0.3972, 0.1589, 2.0893

Previews

White Background



This preview shows how the XYZ color 60.1144, 63.5640, 66.8583 looks on a white background.

Color Contrast Check

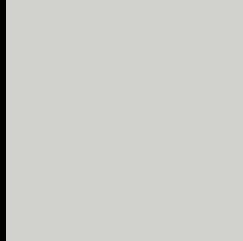
Large Text (above 18pt) WCAG AA × Fail

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 60.1144, 63.5640, 66.8583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

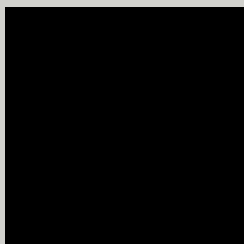
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

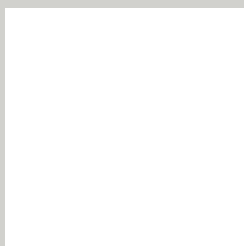
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1144, 63.5640, 66.8583

Background



This preview shows how black text looks on a background with the XYZ color 60.1144, 63.5640, 66.8583.

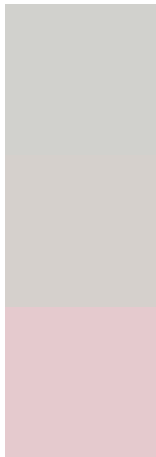


This preview shows how white text looks on a background with the XYZ color 60.1144, 63.5640,

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

60.1144, 63.5640, 66.8583

Protanopia

60.8955, 63.6175, 66.1966

Deuteranopia

64.5742, 63.3553, 67.2179



Tritanopia

62.5420, 63.4674, 78.7661

Trichromacy



Original Color

60.1144, 63.5640, 66.8583

Protanomaly

60.6063, 63.4684, 66.1831

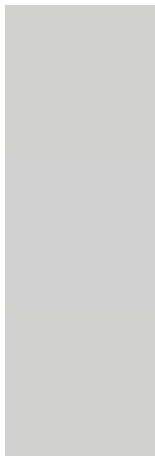
Deuteranomaly

63.0961, 63.6485, 67.3524

Tritanomaly

61.5715, 63.4324, 73.9643

Monochromacy



Original Color

60.1144, 63.5640, 66.8583

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.4801, 63.7103, 68.7842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1144, 63.5640, 66.8583 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(209, 209, 205) looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 205)  
}
```

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(209, 209, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 205) }
```

Border

The CSS property to change the border of an element to XYZ 60.1144, 63.5640, 66.8583 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(209, 209, 205) }
```


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

```
.border{ border-color:rgb(209, 209, 205) }
```

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

Here you see how a box with a 4 pixel rgb(209, 209, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1144, 63.5640, 66.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 205) }
```

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

```
.background{ background-color: rgb(209,  
209, 205) }
```

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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