

Converting Colors

XYZ(56.7122, 60.7271, 64.1847)

Have a look what the booklet for
XYZ(56.7122, 60.7271, 64.1847)
contains.

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Color

**XYZ(56.7013, 60.7772,
64.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CEC9
RGB	201, 206, 201
RGB Percent	79%, 81%, 79%
CMY	0.2118, 0.1921, 0.2118
CMYK	0.02, 0.00, 0.02, 0.19
HSL	120°, 5%, 80%
HSV	120°, 2%, 81%
XYZ	56.7013, 60.7772, 64.0010
YIQ	203.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

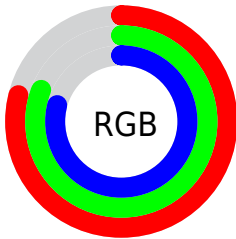
Format	Color
R _Y B	201, 206, 206
Decimal	13225673
CIE Lab	82.26, -2.62, 1.88
CIE LCh	82, 3.223, 144.389
Yxy	60.7772, 0.3124, 0.3349
Android (android.graphics.Color)	4291415753 (0xFFC9CEC9)
YUV	203.9350, -1.4470, -2.5740
Hunter-Lab	77.9597, -6.6038, 5.8977

Details

The XYZ color **56.7013, 60.7772, 64.0010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4831, 59.3528, 66.8221**, and the grayscale version is **57.3644, 60.3518, 65.7231**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5273, 30.7661, 32.0387** is the 20% darker color. If you saturate the color by 10%, you get **49.2676, 57.2082, 51.8406**, and if you desaturate by 10%, it is **65.2062, 64.8643, 77.9105**.

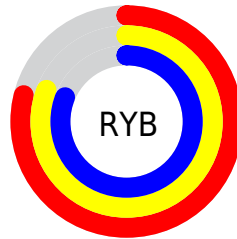
Distribution



Red (79%)

Green (81%)

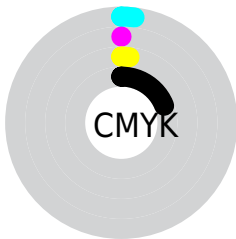
Blue (79%)



Red (79%)

Yellow (81%)

Blue (81%)

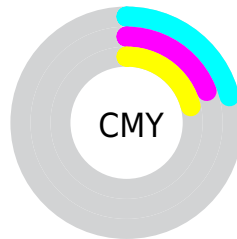


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (19%)



Cyan (21%)

Magenta (19%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7013, 60.7772, 64.0010 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 56.7013, 60.7772, 64.0010 by changing the saturation by 10% instead.

■ 56.7013, 60.7772,
64.0010

■ 56.7013, 60.7772,
64.0010

402.3614,
427.4566, 457.4008

■ 41.0047, 44.0454,
46.2053

99.1631, 105.9563,
112.2119

■ 28.5104, 30.7062,
32.0580

126.6590,
135.1723, 143.4641

■ 18.8532, 20.3752,
21.1406

158.8186,
169.3186, 180.0389

■ 11.6676, 12.6681,
13.0346

196.0075,
208.7794, 222.3549

■ 6.5884, 7.2004,
7.3214

238.5908,
253.9392, 270.8305

■ 3.2501, 3.5877,
3.5824

286.9340,

■ 1.2873, 1.4457,

305.1825, 325.8843

1.3992

341.4024,
362.8934, 387.9349

■ 0.1737, 0.2501,
0.1411

■ 0.0000, 0.0000,
0.0000

■ 56.7013, 60.7772,
64.0010

■ 56.7013, 60.7772,
64.0010

■ 49.2676, 57.2082,
51.8406

■ 65.2062, 64.8643,
77.9105

■ 42.8577, 54.1292,
41.3562

■ 74.8171, 69.4809,
93.6303

■ 37.4284, 51.5212,
32.4757

■ 81.3625, 72.6250,
104.3375

■ 32.9313, 49.3611,
25.1200

■ 29.3141, 47.6235,
19.2034

■ 26.5192, 46.2810,
14.6316

■ 24.4820, 45.3024,
11.2993

■ 23.1285, 44.6523,
9.0853

■ 22.3700, 44.2879,
7.8443

Harmonies

Analogous

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



57.2240, 60.7772, 62.7953



56.7013, 60.7772, 64.0010



56.4643, 60.7772, 65.8075

Triad

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



56.7013, 60.7772, 64.0010



57.6381, 60.7772, 70.0067



58.9764, 60.7772, 64.6285

Complementary

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



56.7013, 60.7772, 64.0010



57.4831, 59.3528, 66.8221

Split Complementary

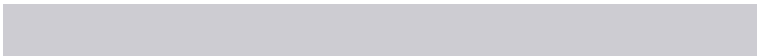
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0894, 60.7772, 66.5460



56.7013, 60.7772, 64.0010



58.3132, 60.7772, 69.6760

Square

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



56.7013, 60.7772, 64.0010



57.0024, 60.7772, 69.2946



58.8458, 60.7772, 68.3998



58.5382, 60.7772, 63.1525

Rectangle

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



56.7013, 60.7772, 64.0010



56.4988, 60.7772, 67.1191



58.8458, 60.7772, 68.3998



59.0538, 60.7772, 65.2418

Sweetspot

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



56.7030, 60.7798, 64.0023



93.7102, 99.3564, 106.7085



58.0703, 61.4847, 64.0662



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.



56.7030, 60.7798, 64.0023



91.0840, 98.0949, 102.4130



56.9998, 60.8985, 65.5651



11.9806, 12.9753, 13.4086



13.5909, 27.1816, 4.5305



0.7011, 1.4023, 0.2338

Inverse Universe

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



57.4831, 59.3528, 66.8221



92.6578, 95.2158, 108.1023



57.1815, 59.2322, 65.2339



12.2380, 12.5045, 14.3389



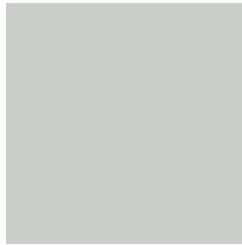
22.5329, 10.8237, 36.8542



1.1624, 0.5584, 1.9013

Previews

White Background



This preview shows how the XYZ color 56.7013, 60.7772, 64.0010 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 56.7013, 60.7772, 64.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

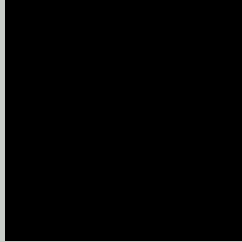
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

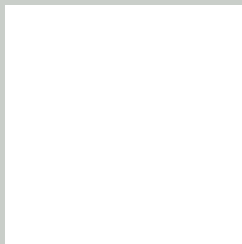
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7013, 60.7772, 64.0010

Background



This preview shows how black text looks on a background with the XYZ color 56.7013, 60.7772, 64.0010.



This preview shows how white text looks on a background with the XYZ color 56.7013, 60.7772,

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

56.7013, 60.7772, 64.0010

Protanopia

58.3127, 60.9112, 63.3272

Deuteranopia

62.0249, 60.7075, 64.9486



Tritanopia

59.0440, 60.6637, 75.6151

Trichromacy



Original Color

56.7013, 60.7772, 64.0010

Protanomaly

57.7102, 60.9546, 63.3673

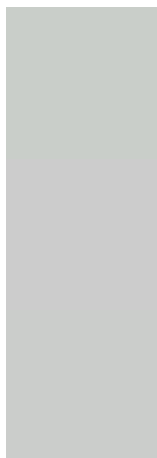
Deuteranomaly

59.8662, 60.6365, 64.4258

Tritanomaly

58.1051, 60.6357, 70.9287

Monochromacy



Original Color

56.7013, 60.7772, 64.0010

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2394, 60.6710, 65.1937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7013, 60.7772, 64.0010 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(201, 206, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 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(201, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.7013, 60.7772, 64.0010 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(201, 206, 201) }
```


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

```
.border{ border-color:rgb(201, 206, 201) }
```

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

Here you see how a box with a 4 pixel rgb(201, 206, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7013, 60.7772, 64.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 201) }
```

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

```
.background{ background-color: rgb(201,  
206, 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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