

Converting Colors

XYZ(56.6618, 62.0467, 67.2772)

Have a look what the booklet for
XYZ(56.6618, 62.0467, 67.2772)
contains.

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Color

**XYZ(56.6928, 62.1515,
67.4009)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D2CE
RGB	195, 210, 206
RGB Percent	76%, 82%, 81%
CMY	0.2353, 0.1765, 0.1922
CMYK	0.07, 0.00, 0.02, 0.18
HSL	164°, 14%, 79%
HSV	164°, 7%, 82%
XYZ	56.6928, 62.1515, 67.4009
YIQ	205.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

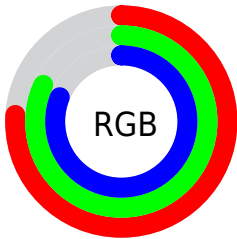
Format	Color
RYB	195, 204, 210
Decimal	12833486
CIELab	82.99, -5.81, 0.23
CIElCh	83, 5.814, 177.747
Yxy	62.1515, 0.3044, 0.3337
Android (android.graphics.Color)	4291023566 (0xFFC3D2CE)
YUV	205.0590, 0.4639, -8.8217
Hunter-Lab	78.8362, -9.6003, 4.4955

Details

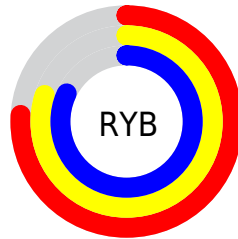
The XYZ color **56.6928, 62.1515, 67.4009** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4045, 56.8569, 62.0373**, and the grayscale version is **58.0679, 61.0920, 66.5292**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.5405, 31.7067, 34.3215** is the 20% darker color. If you saturate the color by 10%, you get **50.9754, 59.2831, 63.6438**, and if you desaturate by 10%, it is **63.2011, 65.4283, 71.3243**.

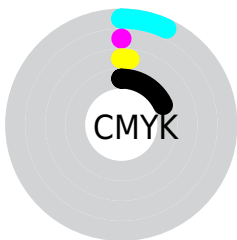
Distribution



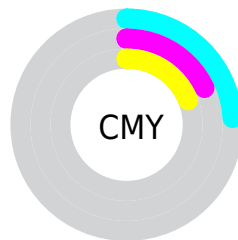
- Red (76%)
- Green (82%)
- Blue (81%)



- Red (76%)
- Yellow (80%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6928, 62.1515, 67.4009 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 56.6928, 62.1515, 67.4009 by changing the saturation by 10% instead.

■ 56.6928, 62.1515,
67.4009

■ 56.6928, 62.1515,
67.4009

402.3300,
432.4835, 469.9107

■ 40.9978, 45.1551,
48.9469

99.1508, 107.9445,
117.1408

■ 28.5051, 31.5796,
34.2120

126.6444,
137.5098, 149.2637

■ 18.8491, 21.0406,
22.7778

158.8018,
172.0337, 186.7799

■ 11.6647, 13.1537,
14.2258

195.9880,
211.9004, 230.1081

■ 6.5863, 7.5345,
8.1373

238.5686,
257.4943, 279.6668

■ 3.2488, 3.7985,
4.0939

286.9089,

■ 1.2867, 1.5615,

309.1999, 335.8744

1.6770

341.3743,
367.4015, 399.1495

■ 0.1732, 0.3314,
0.3449

■ 0.0000, 0.0000,
0.0000

■ 56.6928, 62.1515,
67.4009

■ 56.6928, 62.1515,
67.4009

■ 50.9754, 59.2831,
63.6438

■ 63.2011, 65.4283,
71.3243

■ 46.0118, 56.7987,
60.0461

■ 70.5251, 69.1211,
75.4125

■ 41.7695, 54.6835,
56.6063

■ 77.5817, 72.6731,
79.6175

■ 38.2118, 52.9184,
53.3213

■ 78.3491, 72.9801,
83.6587

■ 35.2984, 51.4829,
50.1878

■ 79.1418, 73.2972,
87.8328

■ 32.9849, 50.3539,
47.2023

■ 79.9599, 73.6244,
92.1410

■ 31.2210, 49.5057,
44.3612

■ 80.8037, 73.9619,
96.5845

■ 29.9480, 48.9079,
41.6601

■ 81.6735, 74.3098,
101.1646

■ 29.0872, 48.5200,
39.0941

■ 82.3378, 74.5755,
104.6626

Harmonies

Analogous

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



57.0543, 62.1515, 64.0483



56.6928, 62.1515, 67.4009



56.9616, 62.1515, 70.9437

Triad

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



56.6928, 62.1515, 67.4009



60.2046, 62.1515, 73.9797



60.3713, 62.1515, 61.9903

Complementary

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



56.6928, 62.1515, 67.4009



56.4045, 56.8569, 62.0373

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.



61.2362, 62.1515, 64.5033



56.6928, 62.1515, 67.4009



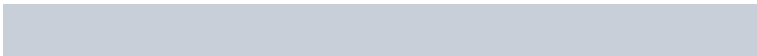
61.1391, 62.1515, 71.4308

Square

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



56.6928, 62.1515, 67.4009



58.9783, 62.1515, 74.8211



61.5192, 62.1515, 67.9447



59.1681, 62.1515, 60.9942

Rectangle

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



56.6928, 62.1515, 67.4009



57.4642, 62.1515, 72.9218



61.5192, 62.1515, 67.9447



60.7119, 62.1515, 62.6812

Sweetspot

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



56.6946, 62.1541, 67.4023



92.9802, 98.9582, 107.6635



56.5185, 62.2124, 60.6599



19.9233, 21.1920, 23.0575



0.0000, 0.0000, 0.0000



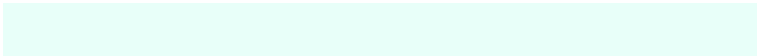
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6946, 62.1541, 67.4023



86.1345, 95.5160, 103.4181



56.3928, 60.7622, 69.7320



12.0181, 13.3510, 14.4517



17.6579, 29.5561, 23.6423



1.0193, 1.6654, 1.4902

Inverse Universe

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



56.4045, 56.8569, 62.0373



85.5688, 85.1846, 92.9551



56.6819, 58.1461, 59.8664



11.9364, 11.8593, 12.9410



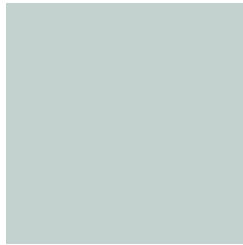
16.6843, 8.5465, 3.2435



0.9662, 0.4912, 0.3571

Previews

White Background



This preview shows how the XYZ color 56.6928, 62.1515, 67.4009 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 56.6928, 62.1515, 67.4009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

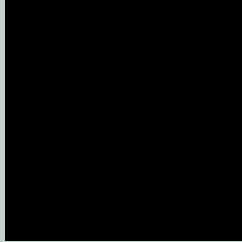
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

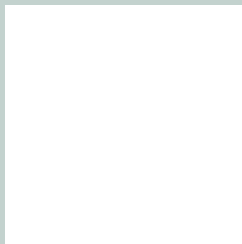
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6928, 62.1515, 67.4009

Background



This preview shows how black text looks on a background with the XYZ color 56.6928, 62.1515, 67.4009.



This preview shows how white text looks on a background with the XYZ color 56.6928, 62.1515,

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

56.6928, 62.1515, 67.4009

Protanopia

59.4748, 61.8233, 65.2984

Deuteranopia

63.0908, 61.8702, 68.2914



Tritanopia

59.0561, 62.0132, 79.3782

Trichromacy



Original Color

56.6928, 62.1515, 67.4009

Protanomaly

58.3887, 61.9644, 66.0097

Deuteranomaly

60.5869, 61.9869, 67.8029

Tritanomaly

58.1062, 61.9918, 74.5487

Monochromacy



Original Color

56.6928, 62.1515, 67.4009

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4197, 61.4509, 66.5925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6928, 62.1515, 67.4009 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, 210, 206) looks like.

```
.text, #text, p{  
    color:rgb(195, 210, 206)  
}
```

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, 210, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 210, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.6928, 62.1515, 67.4009 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, 210, 206) }
```


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

```
.border{ border-color:rgb(195, 210, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 210, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 210, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 210, 206);  
box-shadow:4px 4px 4px 4px rgb(195, 210,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6928, 62.1515, 67.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 210, 206) }
```

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

```
.background{ background-color: rgb(195,  
210, 206) }
```

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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