

Converting Colors

XYZ(56.6718, 62.4801, 68.7474)

Have a look what the booklet for
XYZ(56.6718, 62.4801, 68.7474)
contains.

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Color

**XYZ(56.6718, 62.4801,
68.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D3D0
RGB	193, 211, 208
RGB Percent	76%, 83%, 82%
CMY	0.2431, 0.1725, 0.1843
CMYK	0.09, 0.00, 0.01, 0.17
HSL	170°, 17%, 79%
HSV	170°, 9%, 83%
XYZ	56.6718, 62.4801, 68.7474
YIQ	205.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

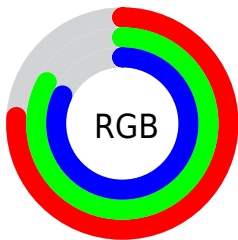
Format	Color
RYB	193, 203, 211
Decimal	12702672
CIELab	83.17, -6.61, -0.60
CIELCh	83, 6.640, 185.174
Yxy	62.4801, 0.3016, 0.3325
Android (android.graphics.Color)	4290892752 (0xFFC1D3D0)
YUV	205.2760, 1.3429, -10.7661
Hunter-Lab	79.0444, -10.3499, 3.7646

Details

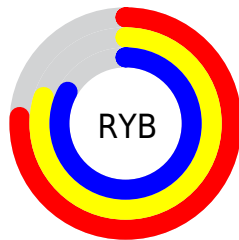
The XYZ color **56.6718, 62.4801, 68.7474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9001, 55.9761, 60.0859**, and the grayscale version is **58.2017, 61.2327, 66.6824**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.3687, 31.5990, 35.1759** is the 20% darker color. If you saturate the color by 10%, you get **51.2440, 59.7332, 66.2587**, and if you desaturate by 10%, it is **62.8803, 65.6318, 71.3254**.

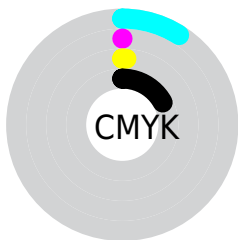
Distribution



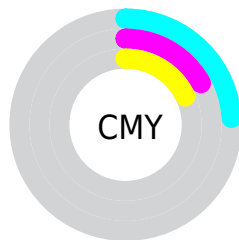
- Red (76%)
- Green (83%)
- Blue (82%)



- Red (76%)
- Yellow (80%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (24%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6718, 62.4801, 68.7474 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 56.6718, 62.4801, 68.7474 by changing the saturation by 10% instead.

■ 56.6718, 62.4801,
68.7474

■ 56.6718, 62.4801,
68.7474

402.2525,
433.6802, 474.8093

■ 40.9809, 45.4207,
50.0355

■ 99.1203, 108.4191,
119.0850

■ 28.4918, 31.7890,
35.0703

126.6086,
138.0676, 151.5479

■ 18.8390, 21.2004,
23.4330

158.7600,
172.6811, 189.4314

■ 11.6573, 13.2705,
14.7053

195.9400,
212.6443, 233.1543

■ 6.5813, 7.6151,
8.4685

238.5139,
258.3414, 283.1350

■ 3.2457, 3.8497,
4.3041

286.8470,

■ 1.2850, 1.5898,

310.1568, 339.7920

1.7936

341.3048,
368.4749, 403.5440

■ 0.1719, 0.3507,
0.4237

■ 0.0000, 0.0000,
0.0000

■ 56.6718, 62.4801,
68.7474

■ 56.6718, 62.4801,
68.7474

■ 51.2440, 59.7332,
66.2587

■ 62.8803, 65.6318,
71.3254

■ 46.5591, 57.3664,
63.8533

■ 69.8945, 69.1960,
73.9904

■ 42.5842, 55.3645,
61.5307

■ 77.2640, 72.9423,
76.7227

■ 39.2817, 53.7083,
59.2888

■ 77.7312, 73.1292,
79.1832

■ 36.6109, 52.3765,
57.1253

■ 78.2083, 73.3201,
81.6956

■ 34.5261, 51.3458,
55.0378

■ 78.6954, 73.5149,
84.2602

■ 32.9757, 50.5895,
53.0236

■ 79.1924, 73.7137,
86.8773

■ 31.8988, 50.0763,
51.0794

■ 79.6994, 73.9165,
89.5472

■ 31.2025, 49.7582,
49.2005

■ 80.2165, 74.1233,
92.2703

Harmonies

Analogous

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



56.9091, 62.4801, 64.7565



56.6718, 62.4801, 68.7474



57.1520, 62.4801, 72.6986

Triad

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



56.6718, 62.4801, 68.7474



60.9939, 62.4801, 74.7164



60.5550, 62.4801, 61.0877

Complementary

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



56.6718, 62.4801, 68.7474



55.9001, 55.9761, 60.0859

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.



61.6764, 62.4801, 63.5660



56.6718, 62.4801, 68.7474



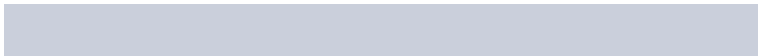
61.9326, 62.4801, 71.4124

Square

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



56.6718, 62.4801, 68.7474



59.6354, 62.4801, 76.2326



62.1844, 62.4801, 67.3180



59.1363, 62.4801, 60.4383

Rectangle

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



56.6718, 62.4801, 68.7474



57.8190, 62.4801, 74.7457



62.1844, 62.4801, 67.3180



60.9799, 62.4801, 61.7295

Sweetspot

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



56.6736, 62.4827, 68.7488



92.0865, 98.4959, 107.6923



55.7650, 62.2176, 59.5232



19.5448, 20.9982, 22.9819



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.



56.6736, 62.4827, 68.7488



85.6054, 95.2094, 104.9223



55.6553, 59.8492, 70.2499



12.0701, 13.3718, 14.7258



18.8082, 30.0162, 29.6997



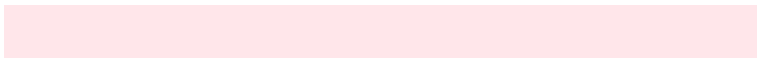
1.0747, 1.6875, 1.7820

Inverse Universe

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



55.9001, 55.9761, 60.0859



84.2138, 83.5021, 89.3358



56.8463, 58.4101, 58.7313



11.8881, 11.8400, 12.6863



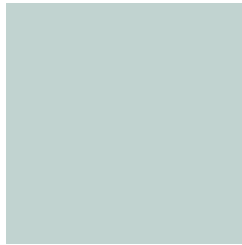
16.4229, 8.4420, 1.8673



0.9438, 0.4822, 0.2388

Previews

White Background



This preview shows how the XYZ color 56.6718, 62.4801, 68.7474 looks on a white background.

Color Contrast Check

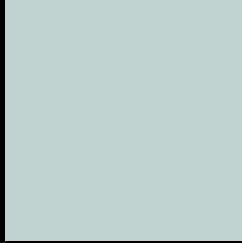
Large Text (above 18pt) WCAG AA × Fail

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 56.6718, 62.4801, 68.7474 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 56.6718, 62.4801, 68.7474

Background



This preview shows how black text looks on a background with the XYZ color 56.6718, 62.4801, 68.7474.



This preview shows how white text looks on a background with the XYZ color 56.6718, 62.4801,

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

56.6718, 62.4801, 68.7474

Protanopia

59.9547, 62.3993, 66.6419

Deuteranopia

63.3385, 61.9692, 69.5957



Tritanopia

58.9114, 62.2838, 80.1512

Trichromacy



Original Color

56.6718, 62.4801, 68.7474

Protanomaly

58.5983, 62.4054, 67.3495

Deuteranomaly

60.5421, 61.9353, 69.0854

Tritanomaly

58.0923, 62.3175, 75.9845

Monochromacy



Original Color

56.6718, 62.4801, 68.7474

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5408, 61.4994, 67.2304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6718, 62.4801, 68.7474 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(193, 211, 208)` looks like.

```
.text, #text, p{  
    color:rgb(193, 211, 208)  
}
```

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(193, 211, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 211, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.6718, 62.4801, 68.7474 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(193, 211, 208) }
```


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

```
.border{ border-color:rgb(193, 211, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 211, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 211, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 211, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 211,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6718, 62.4801, 68.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 211, 208) }
```

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

```
.background{ background-color: rgb(193,  
211, 208) }
```

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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