

Converting Colors

XYZ(56.2981, 61.0273, 68.4434)

Have a look what the booklet for
XYZ(56.2981, 61.0273, 68.4434)
contains.

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Color

**XYZ(56.4467, 61.2679,
68.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D0D0
RGB	195, 208, 208
RGB Percent	76%, 82%, 82%
CMY	0.2353, 0.1843, 0.1843
CMYK	0.06, 0.00, 0.00, 0.18
HSL	180°, 12%, 79%
HSV	180°, 6%, 82%
XYZ	56.4467, 61.2679, 68.5253
YIQ	204.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

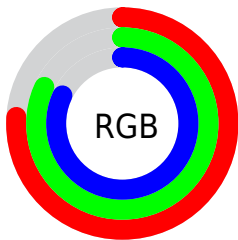
Format	Color
RYB	195, 202, 208
Decimal	12832976
CIELab	82.52, -4.39, -1.53
CIELCh	83, 4.646, 199.184
Yxy	61.2679, 0.3031, 0.3290
Android (android.graphics.Color)	4291023056 (0xFFC3D0D0)
YUV	204.1130, 1.9163, -7.9921
Hunter-Lab	78.2738, -8.2550, 2.8859

Details

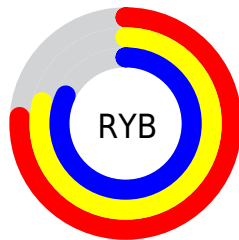
The XYZ color **56.4467, 61.2679, 68.5253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3801, 56.3819, 59.5966**, and the grayscale version is **57.4591, 60.4515, 65.8317**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.3728, 31.1070, 35.0807** is the 20% darker color. If you saturate the color by 10%, you get **51.4421, 58.6897, 68.2890**, and if you desaturate by 10%, it is **62.2035, 64.2372, 68.7994**.

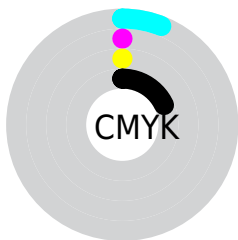
Distribution



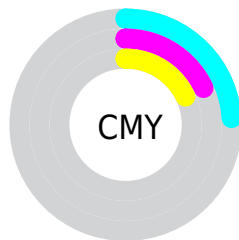
- Red (76%)
- Green (82%)
- Blue (82%)



- Red (76%)
- Yellow (79%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4467, 61.2679, 68.5253 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 56.4467, 61.2679, 68.5253 by changing the saturation by 10% instead.

■ 56.4467, 61.2679,
68.5253

■ 56.4467, 61.2679,
68.5253

401.4205,
429.2556, 474.0034

■ 40.7996, 44.4414,
49.8559

■ 98.7934, 106.6667,
118.7646

■ 28.3495, 31.0177,
34.9285

126.2238,
136.0079, 151.1716

■ 18.7311, 20.6123,
23.3247

158.3125,
170.2893, 188.9948

■ 11.5790, 12.8409,
14.6259

195.4251,
209.8956, 232.6528

■ 6.5278, 7.3191,
8.4136

237.9268,
255.2109, 282.5641

■ 3.2123, 3.6624,
4.2691

286.1831,

■ 1.2670, 1.4866,

306.6197, 339.1473

1.7741

340.5592,
364.5065, 402.8209

■ 0.1583, 0.2793,
0.4108

■ 0.0000, 0.0000,
0.0000

■ 56.4467, 61.2679,
68.5253

■ 56.4467, 61.2679,
68.5253

■ 51.4421, 58.6897,
68.2890

■ 62.2035, 64.2372,
68.7994

■ 47.1537, 56.4790,
68.0849

■ 68.7361, 67.6049,
69.1085

■ 43.5503, 54.6215,
67.9129

■ 75.1843, 70.9290,
69.4136

■ 40.5964, 53.0988,
67.7712

■ 75.1850, 70.9292,
69.4171

■ 38.2534, 51.8910,
67.6582

■ 75.1856, 70.9295,
69.4205

■ 36.4786, 50.9761,
67.5718

■ 75.1863, 70.9297,
69.4239

■ 35.2237, 50.3293,
67.5096

■ 75.1869, 70.9300,
69.4273

■ 34.4326, 49.9215,
67.4692

■ 75.1876, 70.9303,
69.4307

■ 34.0341, 49.7162,
67.4472

■ 75.1882, 70.9305,
69.4341

Harmonies

Analogous

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



56.3760, 61.2679, 65.6884



56.4467, 61.2679, 68.5253



56.9929, 61.2679, 70.9394

Triad

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



56.4467, 61.2679, 68.5253



59.6918, 61.2679, 70.3526



58.5927, 61.2679, 61.4768

Complementary

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



56.4467, 61.2679, 68.5253



55.3801, 56.3819, 59.5966

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.



59.4916, 61.2679, 62.6528



56.4467, 61.2679, 68.5253



60.1309, 61.2679, 67.7428

Square

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



56.4467, 61.2679, 68.5253



58.8636, 61.2679, 72.0150



60.0572, 61.2679, 64.9277



57.6075, 61.2679, 61.6728

Rectangle

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



56.4467, 61.2679, 68.5253



57.5567, 61.2679, 71.9589



60.0572, 61.2679, 64.9277



58.9152, 61.2679, 61.7234

Sweetspot

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



56.4484, 61.2705, 68.5267



93.1983, 99.0454, 108.8123



54.9697, 60.6855, 60.4470



19.9677, 21.2098, 23.2912



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.



56.4484, 61.2705, 68.5267



87.9382, 96.3338, 108.5628



54.9467, 58.2663, 68.0281



12.1583, 13.4071, 15.1900



21.1500, 30.9529, 42.0314



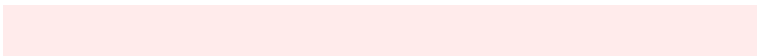
1.1826, 1.7307, 2.3504

Inverse Universe

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



55.3801, 56.3819, 59.5966



85.7723, 86.4232, 90.4592



56.8177, 59.2577, 60.0740



11.8089, 11.8083, 12.2695



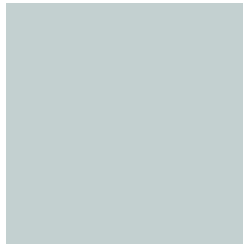
16.2126, 8.3579, 0.7600



0.9066, 0.4673, 0.0427

Previews

White Background



This preview shows how the XYZ color 56.4467, 61.2679, 68.5253 looks on a white background.

Color Contrast Check

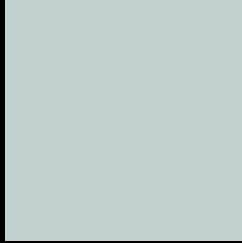
Large Text (above 18pt) WCAG AA × Fail

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 56.4467, 61.2679, 68.5253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

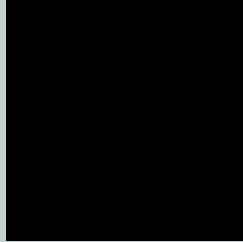
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

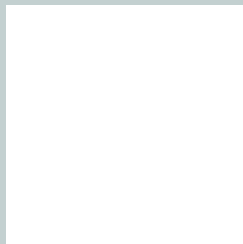
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4467, 61.2679, 68.5253

Background



This preview shows how black text looks on a background with the XYZ color 56.4467, 61.2679, 68.5253.

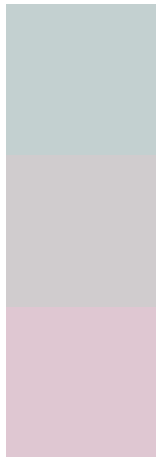


This preview shows how white text looks on a background with the XYZ color 56.4467, 61.2679,

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

56.4467, 61.2679, 68.5253

Protanopia

58.7459, 61.0519, 67.0805

Deuteranopia

62.4877, 61.1880, 69.4898



Tritanopia

58.2821, 61.2869, 77.8650

Trichromacy



Original Color

56.4467, 61.2679, 68.5253

Protanomaly

57.7224, 60.8641, 67.7371

Deuteranomaly

60.0697, 60.9906, 68.9280

Tritanomaly

57.6022, 61.3712, 74.4555

Monochromacy



Original Color

56.4467, 61.2679, 68.5253

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9382, 60.4879, 66.4320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4467, 61.2679, 68.5253 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, 208, 208) looks like.

```
.text, #text, p{  
    color:rgb(195, 208, 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(195, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.4467, 61.2679, 68.5253 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, 208, 208) }
```


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

```
.border{ border-color:rgb(195, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(195, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4467, 61.2679, 68.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 208, 208) }
```

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

```
.background{ background-color: rgb(195,  
208, 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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