

Converting Colors

XYZ(56.4892, 61.1989, 71.6737)

Have a look what the booklet for
XYZ(56.4892, 61.1989, 71.6737)
contains.

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Color

**XYZ(56.5584, 61.2533,
71.7929)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D0D5
RGB	193, 208, 213
RGB Percent	76%, 82%, 84%
CMY	0.2431, 0.1843, 0.1647
CMYK	0.09, 0.02, 0.00, 0.16
HSL	195°, 19%, 80%
HSV	195°, 9%, 84%
XYZ	56.5584, 61.2533, 71.7929
YIQ	204.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

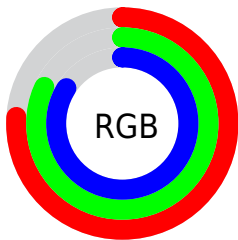
Format	Color
RYB	193, 202, 213
Decimal	12701909
CIELab	82.51, -4.08, -4.22
CIElCh	83, 5.870, 226.001
Yxy	61.2533, 0.2983, 0.3231
Android (android.graphics.Color)	4290891989 (0xFFC1D0D5)
YUV	204.0850, 4.3951, -9.7215
Hunter-Lab	78.2645, -7.9685, 0.3978

Details

The XYZ color **56.5584, 61.2533, 71.7929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2605, 58.3841, 58.7043**, and the grayscale version is **57.4275, 60.4182, 65.7955**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.3746, 31.0688, 36.8491** is the 20% darker color. If you saturate the color by 10%, you get **50.2394, 56.1034, 71.1329**, and if you desaturate by 10%, it is **63.7065, 66.8986, 72.5068**.

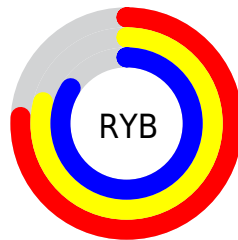
Distribution



Red (76%)

Green (82%)

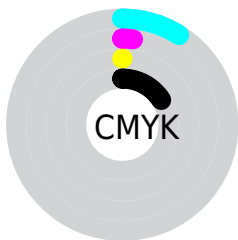
Blue (84%)



Red (76%)

Yellow (79%)

Blue (84%)

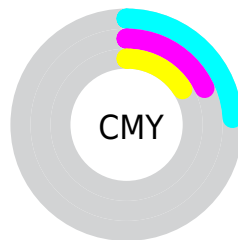


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5584, 61.2533, 71.7929 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 56.5584, 61.2533, 71.7929 by changing the saturation by 10% instead.

■ 56.5584, 61.2533,
71.7929

■ 56.5584, 61.2533,
71.7929

401.8335,
429.2021, 485.7786

■ 40.8896, 44.4296,
52.5037

■ 98.9556, 106.6456,
123.4670

■ 28.4201, 31.0084,
37.0217

126.4147,
135.9830, 156.6890

■ 18.7846, 20.6052,
24.9284

158.5346,
170.2605, 195.3924

■ 11.6178, 12.8358,
15.8052

195.6807,
209.8624, 239.9957

■ 6.5544, 7.3155,
9.2335

238.2182,
255.1731, 290.9174

■ 3.2288, 3.6602,
4.7949

286.5126,

■ 1.2759, 1.4854,

306.5770, 348.5761

2.0708

340.9293,
364.4586, 413.3903

■ 0.1651, 0.2784,
0.5983

■ 0.0000, 0.0000,
0.0000

■ 56.5584, 61.2533,
71.7929

■ 56.5584, 61.2533,
71.7929

■ 50.2394, 56.1034,
71.1329

■ 63.7065, 66.8986,
72.5068

■ 44.7105, 51.4232,
70.5209

■ 71.7102, 73.0485,
73.2720

■ 39.9375, 47.1960,
69.9565

■ 79.8979, 79.3591,
74.0585

■ 35.8812, 43.4011,
69.4378

■ 81.3503, 82.2640,
74.5427

■ 32.4991, 40.0158,
68.9627

■ 82.8480, 85.2593,
75.0419

■ 29.7438, 37.0150,
68.5287

■ 84.3912, 88.3457,
75.5563

■ 27.5613, 34.3702,
68.1332

■ 85.9803, 91.5239,
76.0860

■ 25.8879, 32.0480,
67.7732

■ 87.6158, 94.7948,
76.6311

■ 24.6166, 29.9924,
67.4434

■ 89.0104, 97.5842,
77.0960

Harmonies

Analogous

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



55.9294, 61.2533, 68.6186



56.5584, 61.2533, 71.7929



57.6373, 61.2533, 73.6309

Triad

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



56.5584, 61.2533, 71.7929



60.5936, 61.2533, 68.3811



57.5565, 61.2533, 60.2663

Complementary

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



56.5584, 61.2533, 71.7929



57.2605, 58.3841, 58.7043

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.



58.8054, 61.2533, 60.2079



56.5584, 61.2533, 71.7929



60.5711, 61.2533, 64.8066

Square

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



56.5584, 61.2533, 71.7929



59.9735, 61.2533, 71.6137



59.9127, 61.2533, 61.8432



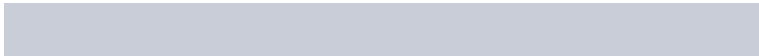
56.4999, 61.2533, 62.0058

Rectangle

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



56.5584, 61.2533, 71.7929



58.4722, 61.2533, 73.8099



59.9127, 61.2533, 61.8432



57.9674, 61.2533, 60.0516

Sweetspot

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



56.5602, 61.2559, 71.7943



91.6846, 97.3645, 108.5687



55.9421, 62.9888, 62.4353



19.4360, 20.6917, 23.2195



0.0000, 0.0000, 0.0000



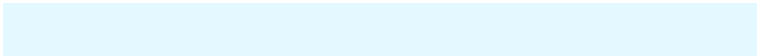
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5602, 61.2559, 71.7943



83.2777, 90.6727, 107.7201



54.2739, 56.6833, 71.0322



12.5172, 13.5579, 15.8947



15.0771, 18.4160, 41.2132



0.9731, 1.2382, 2.5070

Inverse Universe

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



57.8970, 56.8413, 67.5975



85.6375, 82.9476, 100.2974



59.5418, 62.9468, 59.4648



12.8143, 12.5772, 14.9622



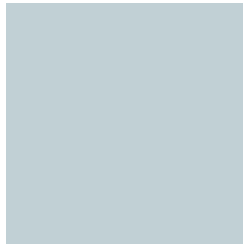
20.6691, 10.2040, 21.3593



1.2788, 0.6283, 1.4577

Previews

White Background



This preview shows how the XYZ color 56.5584, 61.2533, 71.7929 looks on a white background.

Color Contrast Check

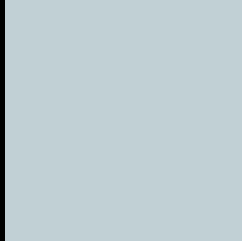
Large Text (above 18pt) WCAG AA × Fail

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 56.5584, 61.2533, 71.7929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

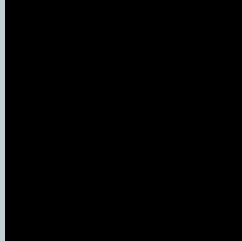
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

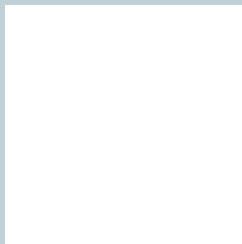
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5584, 61.2533, 71.7929

Background



This preview shows how black text looks on a background with the XYZ color 56.5584, 61.2533, 71.7929.



This preview shows how white text looks on a background with the XYZ color 56.5584, 61.2533,

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

56.5584, 61.2533, 71.7929

Protanopia

59.0829, 61.1543, 70.3180

Deuteranopia

62.5080, 61.1253, 72.7938



Tritanopia

57.8963, 61.0724, 78.5487

Trichromacy



Original Color

56.5584, 61.2533, 71.7929

Protanomaly

58.0721, 60.9727, 70.9955

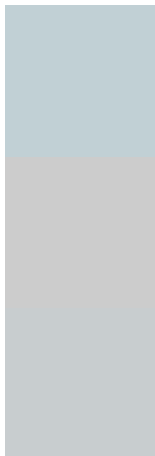
Deuteranomaly

60.1221, 60.9450, 72.2131

Tritanomaly

57.3471, 61.2095, 75.8099

Monochromacy



Original Color

56.5584, 61.2533, 71.7929

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9132, 60.4470, 67.6993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5584, 61.2533, 71.7929 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, 208, 213) looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 213)  
}
```

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, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.5584, 61.2533, 71.7929 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, 208, 213) }
```


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

```
.border{ border-color:rgb(193, 208, 213) }
```

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

Here you see how a box with a 4 pixel rgb(193, 208, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(193, 208,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5584, 61.2533, 71.7929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 213) }
```

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

```
.background{ background-color: rgb(193,  
208, 213) }
```

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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