

Converting Colors

XYZ(56.6282, 60.6797, 71.8602)

Have a look what the booklet for
XYZ(56.6282, 60.6797, 71.8602)
contains.

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Color

**XYZ(56.5872, 60.5488,
71.6554)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CED5
RGB	195, 206, 213
RGB Percent	76%, 81%, 84%
CMY	0.2353, 0.1921, 0.1647
CMYK	0.08, 0.03, 0.00, 0.16
HSL	203°, 18%, 80%
HSV	203°, 8%, 84%
XYZ	56.5872, 60.5488, 71.6554
YIQ	203.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

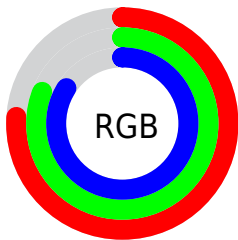
Format	Color
R_{YB}	195, 202, 213
Decimal	12832469
CIE Lab	82.14, -2.37, -4.76
CIE LCh	82, 5.322, 243.538
Yxy	60.5488, 0.2997, 0.3207
Android (android.graphics.Color)	4291022549 (0xFFC3CED5)
YUV	203.5090, 4.6791, -7.4624
Hunter-Lab	77.8131, -6.3643, -0.1289

Details

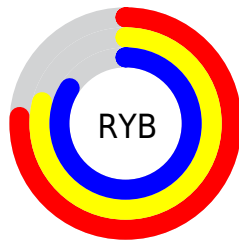
The XYZ color **56.5872, 60.5488, 71.6554** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4116, 60.3268, 60.1964**, and the grayscale version is **57.0617, 60.0333, 65.3763**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.3843, 30.5878, 36.7558** is the 20% darker color. If you saturate the color by 10%, you get **49.5308, 54.0312, 70.7702**, and if you desaturate by 10%, it is **64.5372, 67.6863, 72.6150**.

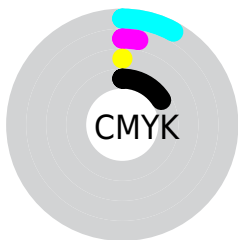
Distribution



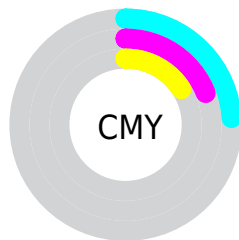
- Red (76%)
- Green (81%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5872, 60.5488, 71.6554 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 56.5872, 60.5488, 71.6554 by changing the saturation by 10% instead.

■ 56.5872, 60.5488,
71.6554

■ 56.5872, 60.5488,
71.6554

401.9399,
426.6177, 485.2865

■ 40.9128, 43.8611,
52.3921

98.9974, 105.6254,
123.2696

■ 28.4383, 30.5614,
36.9333

126.4640,
134.7830, 156.4577

■ 18.7984, 20.2651,
24.8605

158.5919,
168.8662, 195.1243

■ 11.6279, 12.5879,
15.7551

195.7466,
208.2592, 239.6882

■ 6.5612, 7.1454,
9.1985

238.2933,
253.3465, 290.5678

■ 3.2331, 3.5532,
4.7723

286.5976,

■ 1.2782, 1.4269,

304.5124, 348.1817

2.0579

341.0247,
362.1413, 412.9485

■ 0.1668, 0.2364,
0.5905

■ 0.0000, 0.0000,
0.0000

■ 56.5872, 60.5488,
71.6554

■ 56.5872, 60.5488,
71.6554

■ 49.5308, 54.0312,
70.7702

■ 64.5372, 67.6863,
72.6150

■ 43.3281, 48.1055,
69.9534

■ 73.4081, 75.4551,
73.6470

■ 37.9438, 42.7528,
69.2040

■ 81.7826, 83.1285,
74.6867

■ 33.3378, 37.9499,
68.5197

■ 84.1530, 87.8693,
75.4769

■ 29.4668, 33.6719,
67.8980

■ 86.6345, 92.8323,
76.3040

■ 26.2823, 29.8914,
67.3361

■ 89.0104, 97.5842,
77.0960

■ 23.7300, 26.5773,
66.8310

■ 21.7457, 23.6941,
66.3790

■ 20.2337, 21.1895,
65.9753

Harmonies

Analogous

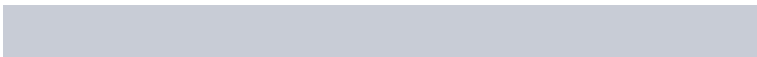
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.7580, 60.5488, 69.4248



56.5872, 60.5488, 71.6554



57.6840, 60.5488, 72.3341

Triad

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



56.5872, 60.5488, 71.6554



59.7454, 60.5488, 65.5442



56.3579, 60.5488, 60.8763

Complementary

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



56.5872, 60.5488, 71.6554



58.4116, 60.3268, 60.1964

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.



57.4159, 60.5488, 59.9106



56.5872, 60.5488, 71.6554



59.3796, 60.5488, 62.5494

Square

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



56.5872, 60.5488, 71.6554



59.5166, 60.5488, 68.7388



58.5233, 60.5488, 60.5130



55.6269, 60.5488, 63.1936

Rectangle

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



56.5872, 60.5488, 71.6554



58.4217, 60.5488, 71.7973



58.5233, 60.5488, 60.5130



56.6866, 60.5488, 60.3863

Sweetspot

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



56.5890, 60.5514, 71.6567



91.3500, 96.6952, 108.4571



56.9497, 63.4511, 65.0617



19.3456, 20.5108, 23.1893



0.0000, 0.0000, 0.0000



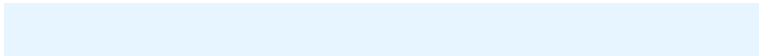
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5890, 60.5514, 71.6567



83.2019, 89.3184, 107.4627



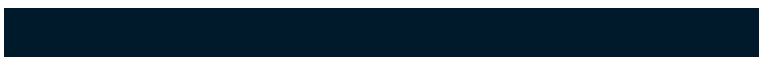
54.5059, 56.3852, 70.9624



12.3681, 13.2596, 15.8450



12.3310, 12.9237, 40.2978



0.8230, 0.9381, 2.4570

Inverse Universe

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



58.0976, 57.6338, 66.4578



85.8927, 84.1737, 98.1766



60.5613, 64.6261, 60.9129



12.7390, 12.5471, 14.5658



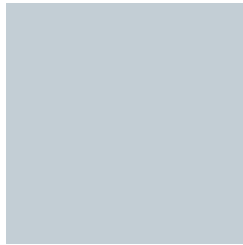
19.2830, 9.6495, 14.0600



1.2031, 0.5980, 1.0588

Previews

White Background



This preview shows how the XYZ color 56.5872, 60.5488, 71.6554 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 56.5872, 60.5488, 71.6554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

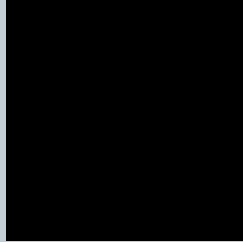
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

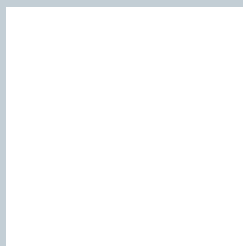
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5872, 60.5488, 71.6554

Background



This preview shows how black text looks on a background with the XYZ color 56.5872, 60.5488, 71.6554.

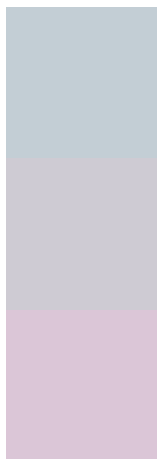


This preview shows how white text looks on a background with the XYZ color 56.5872, 60.5488,

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

56.5872, 60.5488, 71.6554

Protanopia

58.5674, 60.5368, 70.2260

Deuteranopia

61.6732, 60.3545, 72.6890



Tritanopia

57.6474, 60.6189, 77.0689

Trichromacy



Original Color

56.5872, 60.5488, 71.6554

Protanomaly

57.8337, 60.4958, 70.9160

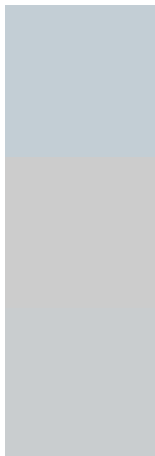
Deuteranomaly

59.6026, 60.3300, 72.1218

Tritanomaly

57.2512, 60.4604, 74.9822

Monochromacy



Original Color

56.5872, 60.5488, 71.6554

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1812, 60.5851, 67.7118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5872, 60.5488, 71.6554 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, 206, 213) looks like.

```
.text, #text, p{  
    color:rgb(195, 206, 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(195, 206, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 206, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.5872, 60.5488, 71.6554 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, 206, 213) }
```


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

```
.border{ border-color:rgb(195, 206, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 206, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 206, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 206, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 206,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5872, 60.5488, 71.6554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 206, 213) }
```

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

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