

Converting Colors

XYZ(56.4735, 60.2724, 71.4283)

Have a look what the booklet for
XYZ(56.4735, 60.2724, 71.4283)
contains.

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Color

**XYZ(56.3472, 60.0688,
71.5754)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CDD5
RGB	195, 205, 213
RGB Percent	76%, 80%, 84%
CMY	0.2353, 0.1961, 0.1647
CMYK	0.08, 0.04, 0.00, 0.16
HSL	207°, 18%, 80%
HSV	207°, 8%, 84%
XYZ	56.3472, 60.0688, 71.5754
YIQ	202.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

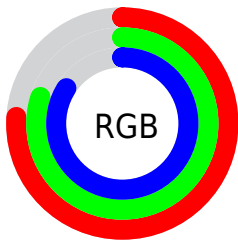
Format	Color
RYB	195, 201, 213
Decimal	12832213
CIELab	81.88, -1.85, -5.15
CIElCh	82, 5.469, 250.269
Yxy	60.0688, 0.2997, 0.3195
Android (android.graphics.Color)	4291022293 (0xFFC3CDD5)
YUV	202.9220, 4.9685, -6.9476
Hunter-Lab	77.5041, -5.8586, -0.5018

Details

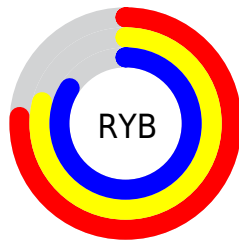
The XYZ color **56.3472, 60.0688, 71.5754** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6471, 60.7977, 60.2748**, and the grayscale version is **56.6908, 59.6432, 64.9514**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.2227, 30.2646, 36.7019** is the 20% darker color. If you saturate the color by 10%, you get **49.0362, 53.0419, 70.6053**, and if you desaturate by 10%, it is **64.5837, 67.7793, 72.6305**.

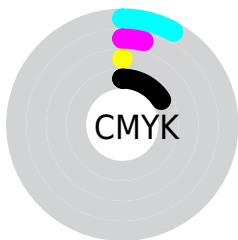
Distribution



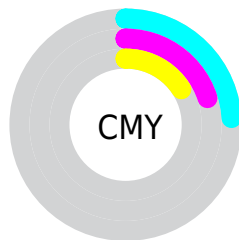
- Red (76%)
- Green (80%)
- Blue (84%)



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



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3472, 60.0688, 71.5754 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 56.3472, 60.0688, 71.5754 by changing the saturation by 10% instead.

■ 56.3472, 60.0688,
71.5754

■ 56.3472, 60.0688,
71.5754

401.0525,
424.8513, 485.0001

■ 40.7195, 43.4741,
52.3272

■ 98.6489, 104.9295,
123.1548

■ 28.2866, 30.2573,
36.8819

126.0536,
133.9642, 156.3230

■ 18.6834, 20.0339,
24.8210

158.1146,
167.9144, 194.9683

■ 11.5444, 12.4197,
15.7259

195.1973,
207.1645, 239.5093

■ 6.5042, 7.0302,
9.1782

237.6671,
252.0988, 290.3644

■ 3.1976, 3.4810,
4.7592

285.8894,

■ 1.2591, 1.3877,

303.1018, 347.9522

2.0504

340.2294,
360.5578, 412.6913

■ 0.1523, 0.2076,
0.5860

■ 0.0000, 0.0000,
0.0000

■ 56.3472, 60.0688,
71.5754

■ 56.3472, 60.0688,
71.5754

■ 49.0362, 53.0419,
70.6053

■ 64.5837, 67.7793,
72.6305

■ 42.6100, 46.6692,
69.7140

■ 73.7738, 76.1866,
73.7689

■ 37.0325, 40.9301,
68.9002

■ 82.5009, 84.5652,
74.9262

■ 32.2627, 35.7997,
68.1613

■ 85.2582, 90.0797,
75.8452

■ 28.2564, 31.2512,
67.4945

■ 88.1614, 95.8861,
76.8130

■ 24.9644, 27.2554,
66.8968

■ 89.0104, 97.5842,
77.0960

■ 22.3310, 23.7794,
66.3646

■ 20.2914, 20.7855,
65.8942

■ 18.7486, 18.2192,
65.4802

Harmonies

Analogous

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



55.4160, 60.0688, 69.6021



56.3472, 60.0688, 71.5754



57.4904, 60.0688, 71.8641

Triad

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



56.3472, 60.0688, 71.5754



59.3066, 60.0688, 64.2775



55.6702, 60.0688, 60.6713

Complementary

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



56.3472, 60.0688, 71.5754



58.6471, 60.7977, 60.2748

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.



56.6986, 60.0688, 59.3445



56.3472, 60.0688, 71.5754



58.8047, 60.0688, 61.3795

Square

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



56.3472, 60.0688, 71.5754



59.2094, 60.0688, 67.5753



57.8465, 60.0688, 59.5993



55.0288, 60.0688, 63.2811

Rectangle

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



56.3472, 60.0688, 71.5754



58.2202, 60.0688, 71.0524



57.8465, 60.0688, 59.5993



55.9816, 60.0688, 60.0645

Sweetspot

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



56.3489, 60.0713, 71.5767



91.2167, 96.4285, 108.4127



57.0566, 63.4939, 65.6243



19.3095, 20.4388, 23.1773



0.0000, 0.0000, 0.0000



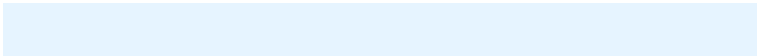
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3489, 60.0713, 71.5767



82.7747, 88.4640, 107.3203



54.3020, 55.9774, 70.8944



12.3092, 13.1417, 15.8254



11.4237, 11.1093, 39.9954



0.7710, 0.8340, 2.4397

Inverse Universe

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



57.9765, 57.5853, 65.8199



85.6771, 84.0874, 97.0411



60.7854, 65.0743, 60.9876



12.7092, 12.5352, 14.4091



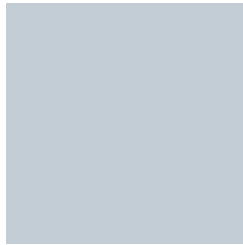
18.8250, 9.4663, 11.6486



1.1768, 0.5875, 0.9205

Previews

White Background



This preview shows how the XYZ color 56.3472, 60.0688, 71.5754 looks on a white background.

Color Contrast Check

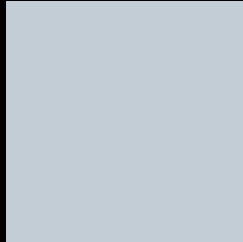
Large Text (above 18pt) WCAG AA × Fail

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 56.3472, 60.0688, 71.5754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

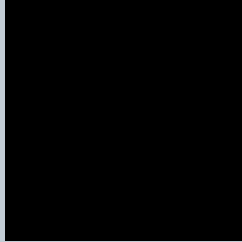
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

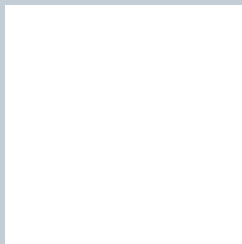
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3472, 60.0688, 71.5754

Background



This preview shows how black text looks on a background with the XYZ color 56.3472, 60.0688, 71.5754.



This preview shows how white text looks on a background with the XYZ color 56.3472, 60.0688,

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

56.3472, 60.0688, 71.5754

Protanopia

58.0552, 59.9233, 70.1345

Deuteranopia

61.1454, 59.7442, 72.5991



Tritanopia

57.2761, 60.0888, 76.2897

Trichromacy



Original Color

56.3472, 60.0688, 71.5754

Protanomaly

57.3270, 59.8828, 70.8244

Deuteranomaly

59.3702, 59.8652, 72.0443

Tritanomaly

56.8822, 59.9312, 74.2155

Monochromacy



Original Color

56.3472, 60.0688, 71.5754

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6748, 59.9701, 67.6198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3472, 60.0688, 71.5754 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, 205, 213) looks like.

```
.text, #text, p{  
    color:rgb(195, 205, 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, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.3472, 60.0688, 71.5754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

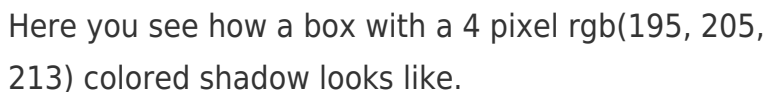
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 205, 213) }
```


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

```
.border{ border-color:rgb(195, 205, 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, 205, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 205, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 205, 213); box-shadow:4px 4px 4px 4px rgb(195, 205, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3472, 60.0688, 71.5754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 213) }
```

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

```
.background{ background-color: rgb(195,  
205, 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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