

Converting Colors

XYZ(53.6011, 56.3331, 71.9041)

Have a look what the booklet for
XYZ(53.6011, 56.3331, 71.9041)
contains.

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Color

**XYZ(53.5669, 56.1904,
71.6409)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC6D6
RGB	190, 198, 214
RGB Percent	75%, 78%, 84%
CMY	0.2549, 0.2235, 0.1608
CMYK	0.11, 0.07, 0.00, 0.16
HSL	220°, 23%, 79%
HSV	220°, 11%, 84%
XYZ	53.5669, 56.1904, 71.6409
YIQ	197.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

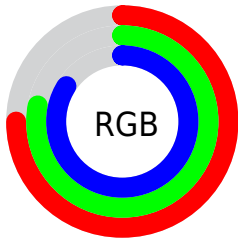
Format	Color
R _Y B	190, 196, 214
Decimal	12502742
CIE Lab	79.72, 0.41, -8.91
CIE LCh	80, 8.924, 272.637
Yxy	56.1904, 0.2953, 0.3098
Android (android.graphics.Color)	4290692822 (0xFFBEC6D6)
YUV	197.4320, 8.1680, -6.5179
Hunter-Lab	74.9603, -3.6236, -4.1924

Details

The XYZ color **53.5669, 56.1904, 71.6409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0974, 62.1561, 57.5988**, and the grayscale version is **53.2899, 56.0651, 61.0549**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.5478, 27.7681, 36.7614** is the 20% darker color. If you saturate the color by 10%, you get **45.5012, 47.4194, 70.3739**, and if you desaturate by 10%, it is **62.7278, 65.9849, 73.0495**.

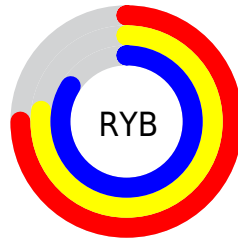
Distribution



Red (75%)

Green (78%)

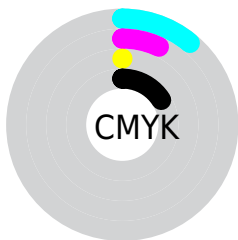
Blue (84%)



Red (75%)

Yellow (77%)

Blue (84%)

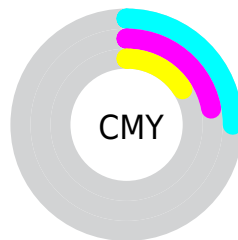


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5669, 56.1904, 71.6409 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 53.5669, 56.1904, 71.6409 by changing the saturation by 10% instead.

■ 53.5669, 56.1904,
71.6409

■ 53.5669, 56.1904,
71.6409

390.6817,
410.4086, 485.2346

■ 38.4848, 40.3556,
52.3803

■ 94.5987, 99.2829,
123.2488

■ 26.5381, 27.8159,
36.9240

121.2790,
127.3094, 156.4332

■ 17.3614, 18.1869,
24.8533

152.5562,
160.1686, 195.0961

■ 10.5894, 11.0843,
15.7498

188.7956,
198.2449, 239.6558

■ 5.8567, 6.1236,
9.1948

230.3624,
241.9226, 290.5310

■ 2.7980, 2.9204,
4.7699

277.6222,

■ 1.0478, 1.0903,

291.5862, 348.1401

2.0566

330.9401,
347.6201, 412.9019

■ 0.0000, 0.0000,
0.5897

■ 0.0000, 0.0000,
0.0000

■ 53.5669, 56.1904,
71.6409

■ 53.5669, 56.1904,
71.6409

■ 45.5012, 47.4194,
70.3739

■ 62.7278, 65.9849,
73.0495

■ 38.4833, 39.6303,
69.2403

■ 73.0189, 76.8284,
74.6001

■ 32.4694, 32.7890,
68.2368

■ 84.4801, 88.7546,
76.2980

■ 27.4106, 26.8567,
67.3584

■ 89.1378, 97.6351,
77.7666

■ 23.2538, 21.7914,
66.5998

■ 19.9400, 17.5476,
65.9553

■ 17.4029, 14.0748,
65.4187

■ 15.5644, 11.3154,
64.9830

■ 14.4140, 9.4075,
64.6754

Harmonies

Analogous

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



51.8303, 56.1904, 70.4259



53.5669, 56.1904, 71.6409



55.2981, 56.1904, 69.9255

Triad

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



53.5669, 56.1904, 71.6409



56.3789, 56.1904, 55.9839



50.3884, 56.1904, 56.7327

Complementary

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



53.5669, 56.1904, 71.6409



59.0974, 62.1561, 57.5988

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.



51.5601, 56.1904, 53.1991



53.5669, 56.1904, 71.6409



55.0159, 56.1904, 52.7842

Square

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



53.5669, 56.1904, 71.6409



56.9443, 56.1904, 60.7263



53.2480, 56.1904, 51.7937



50.0199, 56.1904, 61.6396

Rectangle

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



53.5669, 56.1904, 71.6409



56.2092, 56.1904, 67.4043



53.2480, 56.1904, 51.7937



50.7001, 56.1904, 55.3545

Sweetspot

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



53.5686, 56.1928, 71.6421



90.6862, 95.3675, 108.2358



56.3748, 63.4781, 67.4203



19.1665, 20.1528, 23.1296



0.0000, 0.0000, 0.0000



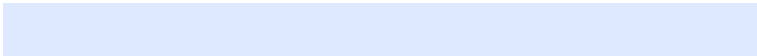
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5686, 56.1928, 71.6421



77.2400, 80.9494, 106.1616



52.6977, 53.0995, 71.0910



12.0776, 12.6786, 15.7482



8.7981, 5.8579, 39.1201



0.6057, 0.5035, 2.3846

Inverse Universe

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



56.3394, 55.2015, 61.1144



82.0157, 79.3006, 88.0028



60.0342, 65.5722, 58.2088



12.5924, 12.4884, 13.7936



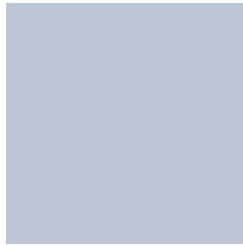
17.4997, 8.9362, 4.6696



1.0934, 0.5541, 0.4812

Previews

White Background



This preview shows how the XYZ color 53.5669, 56.1904, 71.6409 looks on a white background.

Color Contrast Check

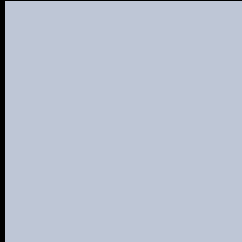
Large Text (above 18pt) WCAG AA × Fail

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 53.5669, 56.1904, 71.6409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

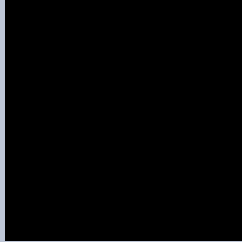
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

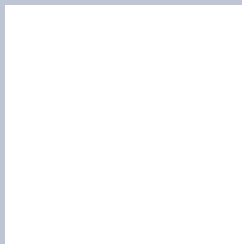
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5669, 56.1904, 71.6409

Background



This preview shows how black text looks on a background with the XYZ color 53.5669, 56.1904, 71.6409.

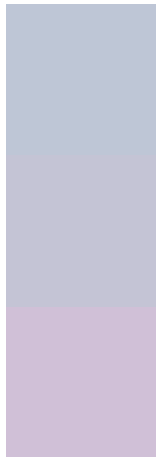


This preview shows how white text looks on a background with the XYZ color 53.5669, 56.1904,

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

53.5669, 56.1904, 71.6409

Protanopia

54.5151, 56.0197, 70.8904

Deuteranopia

57.1278, 56.0155, 72.0911



Tritanopia

53.5669, 56.1904, 71.6409

Trichromacy



Original Color

53.5669, 56.1904, 71.6409

Protanomaly

54.2246, 56.2059, 70.9417

Deuteranomaly

55.6449, 55.9074, 72.1484

Tritanomaly

53.5669, 56.1904, 71.6409

Monochromacy



Original Color

53.5669, 56.1904, 71.6409

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9939, 55.7136, 64.4606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5669, 56.1904, 71.6409 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(190, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 214)  
}
```

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(190, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 214) }
```

Border

The CSS property to change the border of an element to XYZ 53.5669, 56.1904, 71.6409 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(190, 198, 214) }
```


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

```
.border{ border-color:rgb(190, 198, 214) }
```

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

Here you see how a box with a 4 pixel rgb(190, 198, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5669, 56.1904, 71.6409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 214) }
```

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

```
.background{ background-color: rgb(190,  
198, 214) }
```

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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