

Converting Colors

XYZ(53.2843, 55.1890, 75.9020)

Have a look what the booklet for
XYZ(53.2843, 55.1890, 75.9020)
contains.

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Color

**XYZ(53.5301, 55.3917,
76.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC4DD
RGB	188, 196, 221
RGB Percent	74%, 77%, 87%
CMY	0.2627, 0.2314, 0.1333
CMYK	0.15, 0.11, 0.00, 0.13
HSL	225°, 33%, 80%
HSV	225°, 15%, 87%
XYZ	53.5301, 55.3917, 76.2769
YIQ	196.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

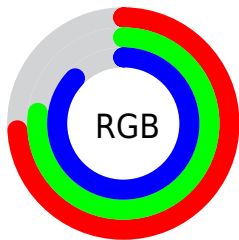
Format	Color
R _Y B	188, 194, 221
Decimal	12371165
CIE Lab	79.27, 2.28, -13.37
CIE LCh	79, 13.567, 279.676
Yxy	55.3917, 0.2890, 0.2991
Android (android.graphics.Color)	4290561245 (0xFFBCC4DD)
YUV	196.4580, 12.0992, -7.4177
Hunter-Lab	74.4256, -1.8599, -8.6669

Details

The XYZ color **53.5301, 55.3917, 76.2769** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6904, 66.5912, 57.1273**, and the grayscale version is **52.6808, 55.4243, 60.3571**.

A 20% lighter version of the original color is **90.4835, 96.7037, 108.5044**, and **26.3875, 27.1675, 39.9295** is the 20% darker color. If you saturate the color by 10%, you get **44.9296, 45.6629, 74.8532**, and if you desaturate by 10%, it is **63.3890, 66.3976, 77.8825**.

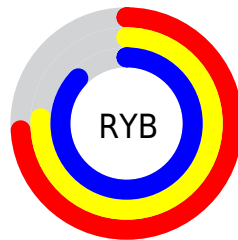
Distribution



Red (74%)

Green (77%)

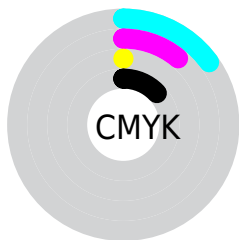
Blue (87%)



Red (74%)

Yellow (76%)

Blue (87%)

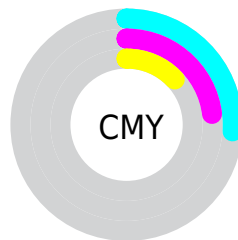


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (26%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5301, 55.3917, 76.2769 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 53.5301, 55.3917, 76.2769 by changing the saturation by 10% instead.

■ 53.5301, 55.3917,
76.2769

■ 53.5301, 55.3917,
76.2769

390.5432,
407.3950, 501.6671

■ 38.4553, 39.7154,
56.1516

■ 94.5449, 98.1146,
129.8819

■ 26.5151, 27.3167,
39.9197

121.2156,
125.9300, 164.1987

■ 17.3441, 17.8112,
27.1626

152.4823,
158.5606, 204.0830

■ 10.5769, 10.8146,
17.4619

188.7103,
196.3908, 249.9535

■ 5.8483, 5.9423,
10.3989

230.2651,
239.8049, 302.2286

■ 2.7928, 2.8100,
5.5552

277.5119,

■ 1.0452, 1.0334,

289.1874, 361.3268

2.5122

330.8162,
344.9226, 427.6668

■ 0.0000, 0.0000,
0.8466

■ 0.0000, 0.0000,
0.0000

■ 53.5301, 55.3917,
76.2769

■ 53.5301, 55.3917,
76.2769

■ 44.9296, 45.6629,
74.8532

■ 63.3890, 66.3976,
77.8825

■ 37.5309, 37.1572,
73.6014

■ 74.5497, 78.7181,
79.6724

■ 31.2805, 29.8270,
72.5160

■ 87.0599, 92.3980,
81.6535

■ 26.1186, 23.6186,
71.5897

■ 90.0513, 98.0005,
82.5772

■ 21.9799, 18.4740,
70.8148

■ 18.7917, 14.3298,
70.1829

■ 16.4711, 11.1147,
69.6847

■ 14.9189, 8.7468,
69.3094

■ 14.3516, 7.8212,
69.1607

Harmonies

Analogous

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



50.8563, 55.3917, 75.4405



53.5301, 55.3917, 76.2769



56.0506, 55.3917, 72.5618

Triad

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



53.5301, 55.3917, 76.2769



56.7676, 55.3917, 51.2648



47.9047, 55.3917, 55.2687

Complementary

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



53.5301, 55.3917, 76.2769



62.6904, 66.5912, 57.1273

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.



49.3863, 55.3917, 49.5251



53.5301, 55.3917, 76.2769



54.4816, 55.3917, 47.3549

Square

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



53.5301, 55.3917, 76.2769



57.9617, 55.3917, 57.8350



51.7759, 55.3917, 46.7466



47.6697, 55.3917, 62.8590

Rectangle

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



53.5301, 55.3917, 76.2769



57.2823, 55.3917, 68.1769



51.7759, 55.3917, 46.7466



48.2709, 55.3917, 53.0767

Sweetspot

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



53.5318, 55.3940, 76.2781



88.9809, 93.2855, 107.9238



58.5750, 67.1966, 72.6685



18.8083, 19.7038, 23.0619



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.



53.5318, 55.3940, 76.2781



70.0266, 72.0976, 104.8332



53.8655, 52.9574, 75.7902



12.5938, 13.1274, 16.5222



8.4113, 4.6921, 40.2007



0.6124, 0.4388, 2.6269

Inverse Universe

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



57.7671, 55.3254, 59.8614



77.0139, 72.0896, 77.7262



62.3026, 69.4535, 57.7003



13.1849, 13.1030, 14.2347



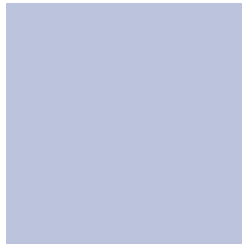
17.7410, 9.0974, 3.0161



1.1834, 0.6030, 0.3746

Previews

White Background



This preview shows how the XYZ color 53.5301, 55.3917, 76.2769 looks on a white background.

Color Contrast Check

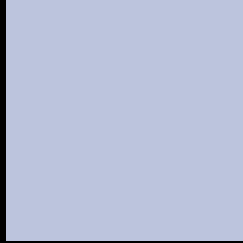
Large Text (above 18pt) WCAG AA × Fail

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 53.5301, 55.3917, 76.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

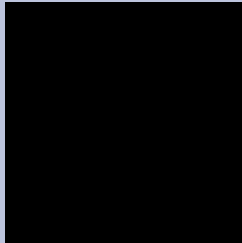
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5301, 55.3917, 76.2769

Background



This preview shows how black text looks on a background with the XYZ color 53.5301, 55.3917, 76.2769.

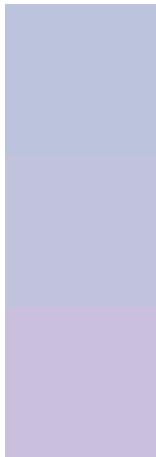


This preview shows how white text looks on a background with the XYZ color 53.5301, 55.3917,

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

53.5301, 55.3917, 76.2769

Protanopia

54.4257, 55.5350, 75.5609

Deuteranopia

56.4442, 55.2320, 76.7932



Tritanopia

52.4700, 55.3014, 70.8596

Trichromacy



Original Color

53.5301, 55.3917, 76.2769

Protanomaly

53.9192, 55.2739, 75.5372

Deuteranomaly

55.5435, 55.4196, 76.8768

Tritanomaly

52.8544, 55.4552, 72.8839

Monochromacy



Original Color

53.5301, 55.3917, 76.2769

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7517, 55.2251, 65.6368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5301, 55.3917, 76.2769 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(188, 196, 221)` looks like.

```
.text, #text, p{  
    color:rgb(188, 196, 221)  
}
```

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(188, 196, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 196, 221) }
```

Border

The CSS property to change the border of an element to XYZ 53.5301, 55.3917, 76.2769 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(188, 196, 221) }
```


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

```
.border{ border-color:rgb(188, 196, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 196, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 196, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 196, 221);  
box-shadow:4px 4px 4px 4px rgb(188, 196,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5301, 55.3917, 76.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 196, 221) }
```

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

```
.background{ background-color: rgb(188,  
196, 221) }
```

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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