

Converting Colors

XYZ(54.9007, 58.5578, 77.0989)

Have a look what the booklet for
XYZ(54.9007, 58.5578, 77.0989)
contains.

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Color

**XYZ(54.9006, 58.4971,
76.8041)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCBDD
RGB	187, 203, 221
RGB Percent	73%, 80%, 87%
CMY	0.2667, 0.2039, 0.1333
CMYK	0.15, 0.08, 0.00, 0.13
HSL	212°, 33%, 80%
HSV	212°, 15%, 87%
XYZ	54.9006, 58.4971, 76.8041
YIQ	200.2680, -15.3140, 2.2060

Conversions

Conversions Part 2

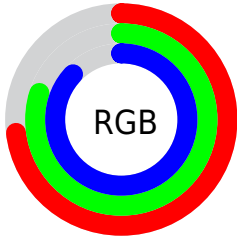
Format	Color
R_{YB}	187, 198, 221
Decimal	12307421
CIE Lab	81.01, -1.76, -10.77
CIE LCh	81, 10.911, 260.717
Yxy	58.4971, 0.2886, 0.3076
Android (android.graphics.Color)	4290497501 (0xFFBBCBDD)
YUV	200.2680, 10.2209, -11.6360
Hunter-Lab	76.4834, -5.7167, -6.0002

Details

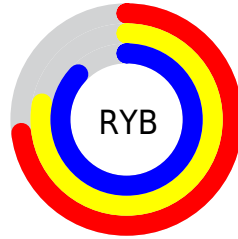
The XYZ color **54.9006, 58.4971, 76.8041** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6202, 62.6226, 55.9073**, and the grayscale version is **55.0120, 57.8769, 63.0279**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **27.4619, 29.3164, 40.2876** is the 20% darker color. If you saturate the color by 10%, you get **47.2456, 50.6045, 75.6851**, and if you desaturate by 10%, it is **63.5996, 67.2404, 78.0342**.

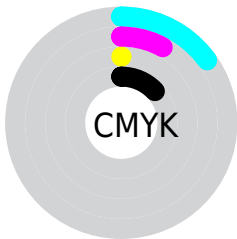
Distribution



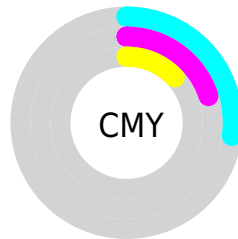
- Red (73%)
- Green (80%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9006, 58.4971, 76.8041 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 54.9006, 58.4971, 76.8041 by changing the saturation by 10% instead.

■ 54.9006, 58.4971,
76.8041

■ 54.9006, 58.4971,
76.8041

395.6776,
419.0357, 503.5158

■ 39.5557, 42.2084,
56.5815

■ 96.5445, 102.6464,
130.6334

■ 27.3749, 29.2645,
40.2622

123.5741,
131.2758, 165.0772

■ 17.9931, 19.2810,
27.4277

155.2294,
164.7876, 205.0984

■ 11.0447, 11.8735,
17.6594

191.8757,
203.5661, 251.1157

■ 6.1644, 6.6576,
10.5389

233.8783,
247.9958, 303.5475

■ 2.9869, 3.2489,
5.6474

281.6025,

■ 1.1468, 1.2630,

298.4610, 362.8125

2.5666

335.4139,
355.3462, 429.3290

0.0638, 0.1123,
0.8751

0.0000, 0.0000,
0.0000

54.9006, 58.4971,
76.8041

54.9006, 58.4971,
76.8041

47.2456, 50.6045,
75.6851

63.5996, 67.2404,
78.0342

40.5869, 43.5268,
74.6699

73.3773, 76.8543,
79.3745

34.8806, 37.2357,
73.7563

84.2731, 87.3671,
80.8294

30.0773, 31.6985,
72.9407

88.4142, 94.7263,
82.0316

■ 26.1228, 26.8797,
72.2190

■ 90.0513, 98.0005,
82.5773

■ 22.9563, 22.7401,
71.5869

■ 20.5078, 19.2353,
71.0394

■ 18.6922, 16.3128,
70.5710

■ 18.0034, 15.1246,
70.3780

Harmonies

Analogous

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



52.8893, 58.4971, 73.8370



54.9006, 58.4971, 76.8041



57.1537, 58.4971, 76.0782

Triad

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



54.9006, 58.4971, 76.8041



59.7709, 58.4971, 59.3849



52.2984, 58.4971, 56.1227

Complementary

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



54.9006, 58.4971, 76.8041



60.6202, 62.6226, 55.9073

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.



54.0742, 58.4971, 52.7313



54.9006, 58.4971, 76.8041



58.4012, 58.4971, 54.5241

Square

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



54.9006, 58.4971, 76.8041



60.0067, 58.4971, 65.7254



56.3048, 58.4971, 52.1667



51.4140, 58.4971, 61.7037

Rectangle

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



54.9006, 58.4971, 76.8041



58.4875, 58.4971, 73.6159



56.3048, 58.4971, 52.1667



52.8086, 58.4971, 54.7051

Sweetspot

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



54.9023, 58.4995, 76.8054



88.3984, 93.4307, 107.9826



57.3183, 66.6656, 67.3316



18.7274, 19.8057, 23.0858



0.0000, 0.0000, 0.0000



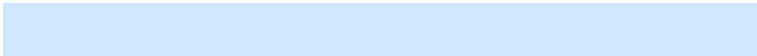
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9023, 58.4995, 76.8054



72.8658, 77.7758, 105.7795



51.4551, 51.3988, 75.6165



12.8415, 13.6227, 16.6048



10.5698, 9.0090, 40.9202



0.7706, 0.7552, 2.6796

Inverse Universe

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



58.3700, 55.2260, 64.0859



78.4469, 72.6628, 85.2726



64.4736, 70.5851, 57.2411



13.3099, 13.1530, 14.8930



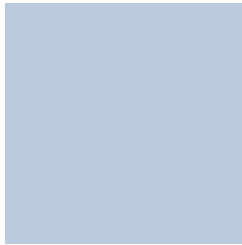
18.8305, 9.5332, 8.7533



1.2632, 0.6349, 0.7951

Previews

White Background



This preview shows how the XYZ color 54.9006, 58.4971, 76.8041 looks on a white background.

Color Contrast Check

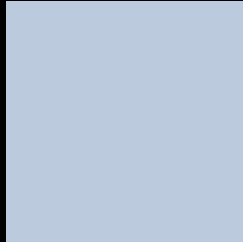
Large Text (above 18pt) WCAG AA × Fail

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 54.9006, 58.4971, 76.8041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

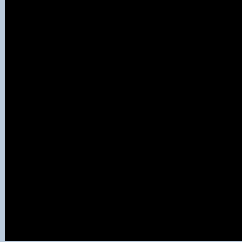
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

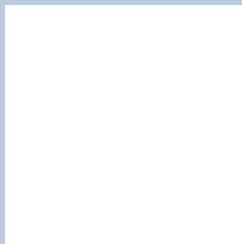
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9006, 58.4971, 76.8041

Background



This preview shows how black text looks on a background with the XYZ color 54.9006, 58.4971, 76.8041.



This preview shows how white text looks on a background with the XYZ color 54.9006, 58.4971,

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

54.9006, 58.4971, 76.8041

Protanopia

56.9936, 58.5651, 75.3181

Deuteranopia

59.4127, 58.0596, 77.8873



Tritanopia

54.6356, 58.3911, 75.4088

Trichromacy



Original Color

54.9006, 58.4971, 76.8041

Protanomaly

56.3106, 58.5427, 76.0421

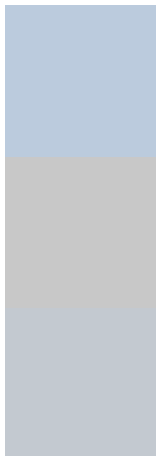
Deuteranomaly

57.7360, 58.2186, 77.3015

Tritanomaly

54.7677, 58.4440, 76.1044

Monochromacy



Original Color

54.9006, 58.4971, 76.8041

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7775, 57.9295, 67.9689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9006, 58.4971, 76.8041 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(187, 203, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 203, 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(187, 203, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 203, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.9006, 58.4971, 76.8041 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(187, 203, 221) }
```


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

```
.border{ border-color:rgb(187, 203, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 203, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 203, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 203, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 203,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9006, 58.4971, 76.8041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 203, 221) }
```

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

```
.background{ background-color: rgb(187,  
203, 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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