

Converting Colors

XYZ(53.0513, 54.8585, 74.3850)

Have a look what the booklet for
XYZ(53.0513, 54.8585, 74.3850)
contains.

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Color

**XYZ(52.9090, 54.7835,
74.1153)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC3DA
RGB	188, 195, 218
RGB Percent	74%, 76%, 85%
CMY	0.2627, 0.2353, 0.1451
CMYK	0.14, 0.11, 0.00, 0.15
HSL	226°, 29%, 80%
HSV	226°, 14%, 85%
XYZ	52.9090, 54.7835, 74.1153
YIQ	195.5290, -11.5550, 5.6690

Conversions

Conversions Part 2

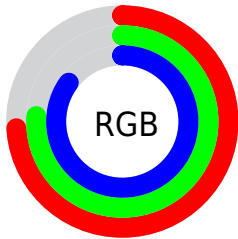
Format	Color
R _Y B	188, 194, 218
Decimal	12370906
CIE Lab	78.92, 2.19, -12.28
CIE LCh	79, 12.476, 280.089
Yxy	54.7835, 0.2910, 0.3013
Android (android.graphics.Color)	4290560986 (0xFFBCC3DA)
YUV	195.5290, 11.0782, -6.6029
Hunter-Lab	74.0159, -1.9301, -7.5585

Details

The XYZ color **52.9090, 54.7835, 74.1153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2851, 65.1245, 56.9183**, and the grayscale version is **52.1295, 54.8443, 59.7255**.

A 20% lighter version of the original color is **90.1686, 96.0739, 108.3995**, and **26.1274, 26.8450, 38.4549** is the 20% darker color. If you saturate the color by 10%, you get **44.4020, 45.1482, 72.7047**, and if you desaturate by 10%, it is **62.6496, 65.6797, 75.7060**.

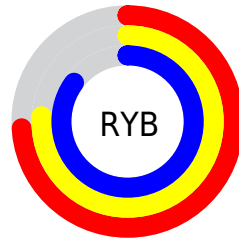
Distribution



Red (74%)

Green (76%)

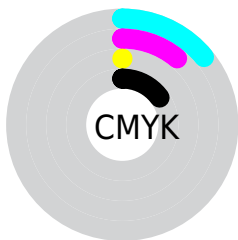
Blue (85%)



Red (74%)

Yellow (76%)

Blue (85%)

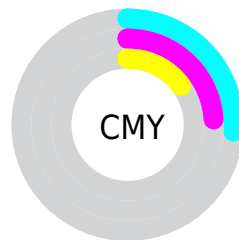


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (26%)

Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9090, 54.7835, 74.1153 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 52.9090, 54.7835, 74.1153 by changing the saturation by 10% instead.

■ 52.9090, 54.7835,
74.1153

■ 52.9090, 54.7835,
74.1153

388.2025,
405.0907, 494.0453

■ 37.9573, 39.2284,
54.3911

■ 93.6368, 97.2237,
126.7948

■ 26.1266, 26.9375,
38.5191

120.1436,
124.8776, 160.5871

■ 17.0516, 17.5263,
26.0809

151.2328,
157.3332, 199.9059

■ 10.3668, 10.6104,
16.6578

187.2697,
194.9749, 245.1696

■ 5.7070, 5.8055,
9.8315

228.6199,
238.1871, 296.7969

■ 2.7067, 2.7272,
5.1832

275.6484,

■ 1.0006, 0.9910,

287.3542, 355.2062

2.2945

328.7209,
342.8606, 420.8162

■ 0.0000, 0.0000,
0.7282

■ 0.0000, 0.0000,
0.0000

■ 52.9090, 54.7835,
74.1153

■ 52.9090, 54.7835,
74.1153

■ 44.4020, 45.1482,
72.7047

■ 62.6496, 65.6797,
75.7060

■ 37.0736, 36.7209,
71.4643

■ 73.6659, 77.8736,
77.4790

■ 30.8720, 29.4546,
70.3887

■ 86.0042, 91.4093,
79.4413

■ 25.7395, 23.2968,
69.4706

■ 89.6550, 97.8420,
80.4906

■ 21.6129, 18.1909,
68.7026

■ 18.4222, 14.0745,
68.0762

■ 16.0879, 10.8785,
67.5823

■ 14.5154, 8.5231,
67.2106

■ 13.8339, 7.4197,
67.0335

Harmonies

Analogous

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



50.4645, 54.7835, 73.4187



52.9090, 54.7835, 74.1153



55.1984, 54.7835, 70.7080

Triad

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



52.9090, 54.7835, 74.1153



55.8002, 54.7835, 51.2886



47.7183, 54.7835, 55.1232

Complementary

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



52.9090, 54.7835, 74.1153



61.2851, 65.1245, 56.9183

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.



49.0622, 54.7835, 49.8094



52.9090, 54.7835, 74.1153



53.7093, 54.7835, 47.7201

Square

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



52.9090, 54.7835, 74.1153



56.9023, 54.7835, 57.2919



51.2401, 54.7835, 47.2009



47.5194, 54.7835, 62.0718

Rectangle

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



52.9090, 54.7835, 74.1153



56.3094, 54.7835, 66.7150



51.2401, 54.7835, 47.2009



48.0491, 54.7835, 53.1021

Sweetspot

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



52.9106, 54.7858, 74.1165



88.9525, 93.2287, 107.9144



57.5067, 65.5132, 70.9152



18.8012, 19.6895, 23.0595



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.



52.9106, 54.7858, 74.1165



71.1604, 73.2848, 105.0026



53.2742, 52.6984, 73.6944



12.5841, 13.1080, 16.5190



8.3565, 4.5824, 40.1825



0.6076, 0.4293, 2.6253

Inverse Universe

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



56.7483, 54.8132, 59.2214



77.8499, 73.4337, 79.0158



60.8704, 67.5497, 57.4083



13.1800, 13.1011, 14.2089



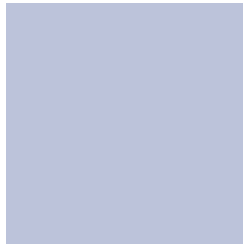
17.7133, 9.0864, 2.8703



1.1810, 0.6020, 0.3619

Previews

White Background



This preview shows how the XYZ color 52.9090, 54.7835, 74.1153 looks on a white background.

Color Contrast Check

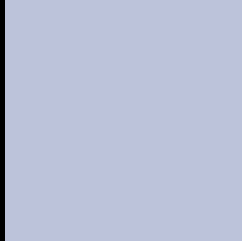
Large Text (above 18pt) WCAG AA × Fail

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 52.9090, 54.7835, 74.1153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

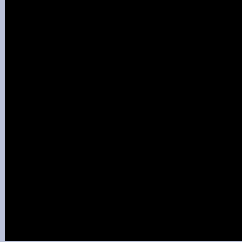
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9090, 54.7835, 74.1153

Background



This preview shows how black text looks on a background with the XYZ color 52.9090, 54.7835, 74.1153.

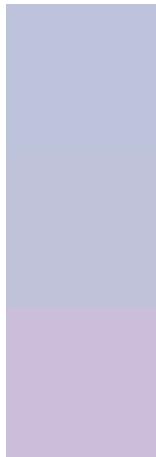


This preview shows how white text looks on a background with the XYZ color 52.9090, 54.7835,

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

52.9090, 54.7835, 74.1153

Protanopia

53.5544, 54.7998, 73.4004

Deuteranopia

55.8282, 54.6379, 74.6215



Tritanopia

52.1171, 54.7981, 70.1176

Trichromacy



Original Color

52.9090, 54.7835, 74.1153

Protanomaly

53.3020, 54.6697, 73.3886

Deuteranomaly

54.9245, 54.8195, 74.7042

Tritanomaly

52.3710, 54.8997, 71.4548

Monochromacy



Original Color

52.9090, 54.7835, 74.1153

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6313, 55.1769, 65.0030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9090, 54.7835, 74.1153 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, 195, 218)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 218)  
}
```

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, 195, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 218) }
```

Border

The CSS property to change the border of an element to XYZ 52.9090, 54.7835, 74.1153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

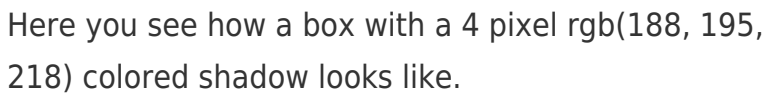
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 195, 218) }
```


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

```
.border{ border-color:rgb(188, 195, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 195, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 195, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 195, 218); box-shadow:4px 4px 4px 4px rgb(188, 195, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9090, 54.7835, 74.1153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 218) }
```

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

```
.background{ background-color: rgb(188,  
195, 218) }
```

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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