

Converting Colors

XYZ(50.7915, 54.6694, 75.5854)

Have a look what the booklet for
XYZ(50.7915, 54.6694, 75.5854)
contains.

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Color

**XYZ(50.7915, 54.6694,
75.5854)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC6DC
RGB	175, 198, 220
RGB Percent	69%, 78%, 86%
CMY	0.3137, 0.2235, 0.1372
CMYK	0.20, 0.10, 0.00, 0.14
HSL	209°, 39%, 77%
HSV	209°, 20%, 86%
XYZ	50.7915, 54.6694, 75.5854
YIQ	193.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

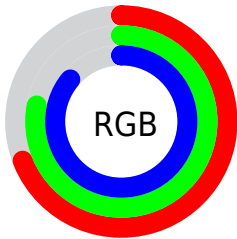
Format	Color
R_{YB}	175, 190, 220
Decimal	11519708
CIE _{Lab}	78.85, -3.09, -13.55
CIE _{LCh}	79, 13.901, 257.147
Yxy	54.6694, 0.2805, 0.3020
Android (android.graphics.Color)	4289709788 (0xFFAFC6DC)
YUV	193.6310, 12.9999, -16.3394
Hunter-Lab	73.9388, -6.7740, -8.8533

Details

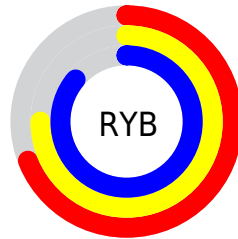
The XYZ color **50.7915, 54.6694, 75.5854** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2198, 58.2433, 48.7849**, and the grayscale version is **50.9959, 53.6517, 58.4267**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **24.7908, 26.8007, 39.4637** is the 20% darker color. If you saturate the color by 10%, you get **43.8790, 47.5865, 74.5835**, and if you desaturate by 10%, it is **58.6863, 62.5205, 76.6856**.

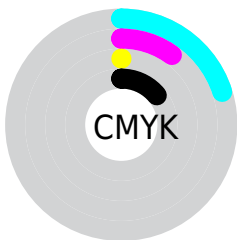
Distribution



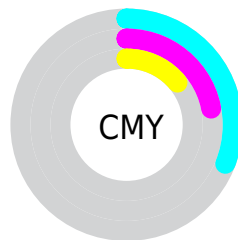
- Red (69%)
- Green (78%)
- Blue (86%)



- Red (69%)
- Yellow (75%)
- Blue (86%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7915, 54.6694, 75.5854 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 50.7915, 54.6694, 75.5854 by changing the saturation by 10% instead.

■ 50.7915, 54.6694,
75.5854

■ 50.7915, 54.6694,
75.5854

380.1542,
404.6575, 499.2363

■ 36.2631, 39.1371,
55.5880

■ 90.5313, 97.0564,
128.8954

■ 24.8085, 26.8664,
39.4709

116.4734,
124.6799, 163.0450

■ 16.0624, 17.4729,
26.8156

146.9508,
157.1026, 202.7492

■ 9.6594, 10.5722,
17.2036

182.3288,
194.7088, 248.4264

■ 5.2343, 5.7800,
10.2163

222.9728,
237.8831, 300.4951

■ 2.4215, 2.7118,
5.4351

269.2481,

■ 0.8559, 0.9832,

287.0096, 359.3740

2.4416

321.5201,
342.4730, 425.4815

■ 0.0000, 0.0000,
0.8090

■ 0.0000, 0.0000,
0.0000

■ 50.7915, 54.6694,
75.5854

■ 50.7915, 54.6694,
75.5854

■ 43.8790, 47.5865,
74.5835

■ 58.6863, 62.5205,
76.6856

■ 37.9014, 41.2380,
73.6732

■ 67.5982, 71.1590,
77.8833

■ 32.8145, 35.5970,
72.8524

■ 77.5663, 80.6112,
79.1824

■ 28.5681, 30.6318,
72.1179

■ 85.6202, 89.3510,
80.4448

■ 25.1069, 26.3080,
71.4657

■ 88.8987, 95.9078,
81.5376

■ 22.3678, 22.5871,
70.8919

■ 89.9184, 97.9474,
81.8776

■ 20.2763, 19.4241,
70.3916

■ 18.7631, 16.8567,
69.9758

Harmonies

Analogous

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



48.4395, 54.6694, 71.3619



50.7915, 54.6694, 75.5854



53.5400, 54.6694, 75.2407

Triad

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



50.7915, 54.6694, 75.5854



57.1927, 54.6694, 55.1615



48.1720, 54.6694, 49.7871

Complementary

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



50.7915, 54.6694, 75.5854



57.2198, 58.2433, 48.7849

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.



50.4145, 54.6694, 46.1670



50.7915, 54.6694, 75.5854



55.6504, 54.6694, 49.0764

Square

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



50.7915, 54.6694, 75.5854



57.3023, 54.6694, 62.9666



53.1496, 54.6694, 45.9189



46.9635, 54.6694, 56.2125

Rectangle

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



50.7915, 54.6694, 75.5854



55.2285, 54.6694, 72.4635



53.1496, 54.6694, 45.9189



48.8262, 54.6694, 48.2275

Sweetspot

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



50.7932, 54.6716, 75.5866



87.3037, 92.5333, 107.8671



53.3228, 64.3211, 62.2791



18.5130, 19.6373, 23.0646



0.0000, 0.0000, 0.0000



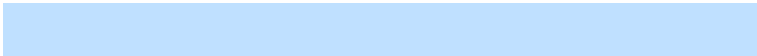
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7932, 54.6716, 75.5866



66.2106, 71.5524, 104.9291



46.0749, 45.2352, 74.0139



12.8862, 13.7122, 16.6197



11.1237, 10.1169, 41.1049



0.8068, 0.8278, 2.6917

Inverse Universe

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



55.0395, 49.9541, 60.1698



73.3578, 64.0037, 78.8925



62.6508, 69.1053, 50.5952



13.3324, 13.1621, 15.0119



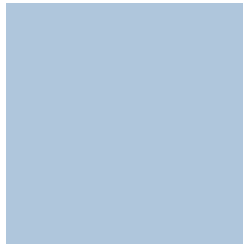
19.1101, 9.6451, 10.2257



1.2815, 0.6423, 0.8915

Previews

White Background



This preview shows how the XYZ color 50.7915, 54.6694, 75.5854 looks on a white background.

Color Contrast Check

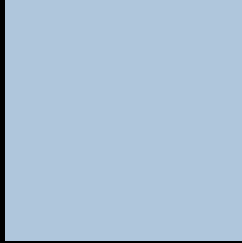
Large Text (above 18pt) WCAG AA × Fail

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 50.7915, 54.6694, 75.5854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

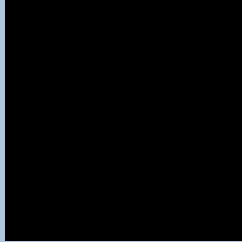
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

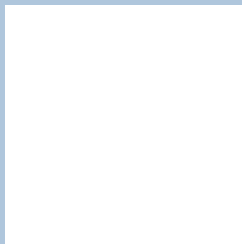
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7915, 54.6694, 75.5854

Background



This preview shows how black text looks on a background with the XYZ color 50.7915, 54.6694, 75.5854.



This preview shows how white text looks on a background with the XYZ color 50.7915, 54.6694,

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

50.7915, 54.6694, 75.5854

Protanopia

53.3326, 54.3562, 73.3265

Deuteranopia

55.6857, 54.5183, 76.6954



Tritanopia

50.1447, 54.7518, 72.2152

Trichromacy



Original Color

50.7915, 54.6694, 75.5854

Protanomaly

52.4197, 54.5313, 74.0924

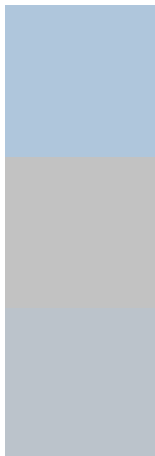
Deuteranomaly

53.8593, 54.5669, 76.1004

Tritanomaly

50.4034, 54.8553, 73.5772

Monochromacy



Original Color

50.7915, 54.6694, 75.5854

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7881, 53.9068, 64.2281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7915, 54.6694, 75.5854 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(175, 198, 220)` looks like.

```
.text, #text, p{  
    color:rgb(175, 198, 220)  
}
```

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(175, 198, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 220) }
```

Border

The CSS property to change the border of an element to XYZ 50.7915, 54.6694, 75.5854 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(175, 198, 220) }
```


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

```
.border{ border-color:rgb(175, 198, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 198, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 198, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 198, 220);  
box-shadow:4px 4px 4px 4px rgb(175, 198,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7915, 54.6694, 75.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 198, 220) }
```

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

```
.background{ background-color: rgb(175,  
198, 220) }
```

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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