

Converting Colors

XYZ(54.6541, 58.2388, 76.9042)

Have a look what the booklet for
XYZ(54.6541, 58.2388, 76.9042)
contains.

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Color

**XYZ(54.6568, 58.3714,
76.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	BACBDD
RGB	186, 203, 221
RGB Percent	73%, 80%, 87%
CMY	0.2706, 0.2039, 0.1333
CMYK	0.16, 0.08, 0.00, 0.13
HSL	211°, 34%, 80%
HSV	211°, 16%, 87%
XYZ	54.6568, 58.3714, 76.7927
YIQ	199.9690, -15.9100, 1.9940

Conversions

Conversions Part 2

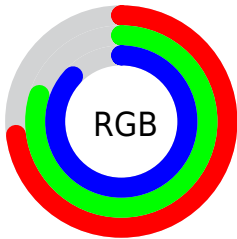
Format	Color
RYB	186, 197, 221
Decimal	12241885
CIELab	80.94, -2.08, -10.88
CIELCh	81, 11.076, 259.188
Yxy	58.3714, 0.2879, 0.3075
Android (android.graphics.Color)	4290431965 (0xFFBACBDD)
YUV	199.9690, 10.3683, -12.2508
Hunter-Lab	76.4012, -6.0046, -6.1130

Details

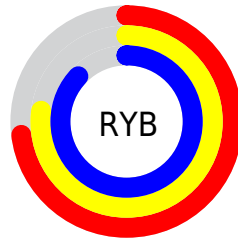
The XYZ color **54.6568, 58.3714, 76.7927** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2751, 62.1031, 55.2659**, and the grayscale version is **54.8272, 57.6825, 62.8163**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **27.3032, 29.2346, 40.2802** is the 20% darker color. If you saturate the color by 10%, you get **47.1117, 50.6440, 75.6998**, and if you desaturate by 10%, it is **63.2325, 66.9252, 77.9927**.

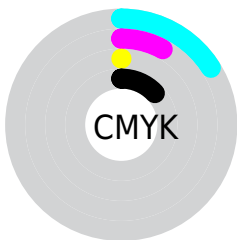
Distribution



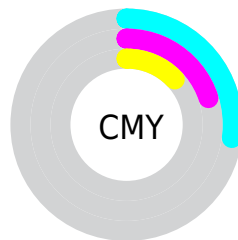
- Red (73%)
- Green (80%)
- Blue (87%)



- Red (73%)
- Yellow (77%)
- Blue (87%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6568, 58.3714, 76.7927 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 54.6568, 58.3714, 76.7927 by changing the saturation by 10% instead.

■ 54.6568, 58.3714,
76.7927

■ 54.6568, 58.3714,
76.7927

394.7673,
418.5684, 503.4758

■ 39.3598, 42.1073,
56.5722

■ 96.1892, 102.4635,
130.6172

■ 27.2217, 29.1853,
40.2548

123.1553,
131.0603, 165.0582

■ 17.8772, 19.2211,
27.4220

154.7417,
164.5368, 205.0765

■ 10.9610, 11.8301,
17.6552

191.3139,
203.2774, 251.0906

■ 6.1077, 6.6281,
10.5358

233.2372,
247.6664, 303.5190

■ 2.9520, 3.2306,
5.6454

280.8770,

■ 1.1284, 1.2533,

298.0884, 362.7804

2.5654

334.5985,
354.9276, 429.2931

■ 0.0487, 0.1046,
0.8745

■ 0.0000, 0.0000,
0.0000

■ 54.6568, 58.3714,
76.7927

■ 54.6568, 58.3714,
76.7927

■ 47.1117, 50.6440,
75.6998

■ 63.2325, 66.9252,
77.9927

■ 40.5497, 43.7078,
74.7068

■ 72.8733, 76.3246,
79.2988

■ 34.9273, 37.5353,
73.8117

■ 83.6182, 86.5971,
80.7153

■ 30.1952, 32.0946,
73.0110

■ 88.0007, 93.8994,
81.8938

■ 26.2995, 27.3509,
72.3007

■ 90.0513, 98.0005,
82.5773

■ 23.1794, 23.2657,
71.6766

■ 20.7650, 19.7955,
71.1340

■ 18.9706, 16.8882,
70.6674

■ 18.3465, 15.8109,
70.4924

Harmonies

Analogous

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



52.6465, 58.3714, 73.6072



54.6568, 58.3714, 76.7927



56.9430, 58.3714, 76.2521

Triad

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



54.6568, 58.3714, 76.7927



59.7522, 58.3714, 59.4935



52.2077, 58.3714, 55.6510

Complementary

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



54.6568, 58.3714, 76.7927



60.2751, 62.1031, 55.2659

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.



54.0428, 58.3714, 52.3547



54.6568, 58.3714, 76.7927



58.4140, 58.3714, 54.4651

Square

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



54.6568, 58.3714, 76.7927



59.9276, 58.3714, 65.9562



56.3120, 58.3714, 51.9360



51.2586, 58.3714, 61.2158

Rectangle

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



54.6568, 58.3714, 76.7927



58.3149, 58.3714, 73.8613



56.3120, 58.3714, 51.9360



52.7390, 58.3714, 54.2578

Sweetspot

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



54.6585, 58.3738, 76.7940



88.4578, 93.5495, 108.0024



56.9465, 66.4888, 66.6462



18.7418, 19.8345, 23.0906



0.0000, 0.0000, 0.0000



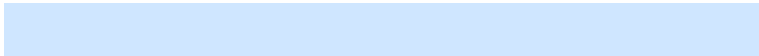
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6585, 58.3738, 76.7940



71.9774, 77.0623, 105.6886



50.8610, 50.7787, 75.5282



12.8582, 13.6561, 16.6103



10.7702, 9.4098, 40.9870



0.7838, 0.7817, 2.6840

Inverse Universe

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



58.1586, 54.8032, 64.0154



77.7390, 71.3859, 84.6080



64.5392, 70.6312, 56.6873



13.3183, 13.1564, 14.9373



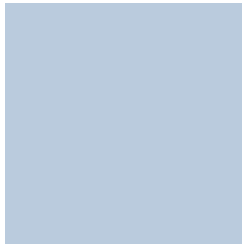
18.9316, 9.5737, 9.2859



1.2699, 0.6376, 0.8303

Previews

White Background



This preview shows how the XYZ color 54.6568, 58.3714, 76.7927 looks on a white background.

Color Contrast Check

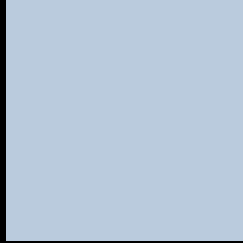
Large Text (above 18pt) WCAG AA × Fail

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 54.6568, 58.3714, 76.7927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

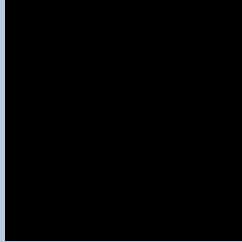
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

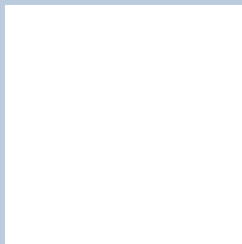
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6568, 58.3714, 76.7927

Background



This preview shows how black text looks on a background with the XYZ color 54.6568, 58.3714, 76.7927.



This preview shows how white text looks on a background with the XYZ color 54.6568, 58.3714,

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

54.6568, 58.3714, 76.7927

Protanopia

56.7628, 58.1034, 75.2412

Deuteranopia

59.4127, 58.0596, 77.8873



Tritanopia

54.3918, 58.2654, 75.3974

Trichromacy



Original Color

54.6568, 58.3714, 76.7927

Protanomaly

55.8207, 57.9452, 75.9526

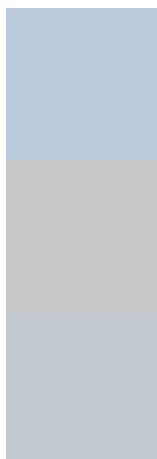
Deuteranomaly

57.4663, 58.0796, 77.2889

Tritanomaly

54.5239, 58.3183, 76.0930

Monochromacy



Original Color

54.6568, 58.3714, 76.7927

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 54.6568, 58.3714, 76.7927 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(186, 203, 221) looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 203, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 203, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.6568, 58.3714, 76.7927 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(186, 203, 221) }
```


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

```
.border{ border-color:rgb(186, 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(186, 203, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 203, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 203, 221);  
box-shadow:4px 4px 4px 4px rgb(186, 203,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6568, 58.3714, 76.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 203, 221) }
```

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

```
.background{ background-color: rgb(186,  
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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