

Converting Colors

XYZ(54.5333, 59.5472, 79.5060)

Have a look what the booklet for
XYZ(54.5333, 59.5472, 79.5060)
contains.

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Color

**XYZ(54.7258, 59.7652,
79.8856)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CFE1
RGB	180, 207, 225
RGB Percent	71%, 81%, 88%
CMY	0.2941, 0.1882, 0.1176
CMYK	0.20, 0.08, 0.00, 0.12
HSL	204°, 43%, 79%
HSV	204°, 20%, 88%
XYZ	54.7258, 59.7652, 79.8856
YIQ	200.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

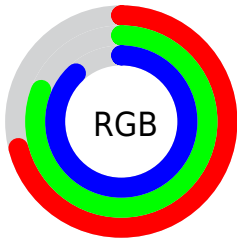
Format	Color
R _Y B	180, 197, 225
Decimal	11849697
CIE Lab	81.71, -5.20, -11.92
CIE LCh	82, 13.004, 246.418
Yxy	59.7652, 0.2815, 0.3075
Android (android.graphics.Color)	4290039777 (0xFFB4CFE1)
YUV	200.9790, 11.8424, -18.3986
Hunter-Lab	77.3080, -8.9299, -7.1513

Details

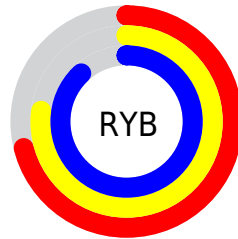
The XYZ color **54.7258, 59.7652, 79.8856** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4841, 59.6910, 51.5676**, and the grayscale version is **55.4444, 58.3319, 63.5234**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **27.3993, 30.1968, 42.4147** is the 20% darker color. If you saturate the color by 10%, you get **47.7890, 53.0458, 78.9552**, and if you desaturate by 10%, it is **62.6407, 67.1764, 80.8999**.

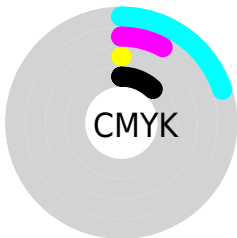
Distribution



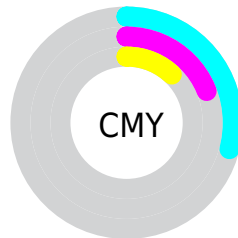
- Red (71%)
- Green (81%)
- Blue (88%)



- Red (71%)
- Yellow (77%)
- Blue (88%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7258, 59.7652, 79.8856 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 54.7258, 59.7652, 79.8856 by changing the saturation by 10% instead.

■ 54.7258, 59.7652,
79.8856

■ 54.7258, 59.7652,
79.8856

395.0250,
423.7318, 514.2438

■ 39.4152, 43.2294,
59.0986

■ 96.2898, 104.4890,
135.0148

■ 27.2651, 30.0652,
42.2720

123.2738,
133.4458, 170.1941

■ 17.9100, 19.8880,
28.9871

154.8798,
167.3117, 211.0080

■ 10.9847, 12.3137,
18.8256

191.4730,
206.4711, 257.8749

■ 6.1238, 6.9577,
11.3688

233.4187,
251.3084, 311.2133

■ 2.9619, 3.4357,
6.1982

281.0824,

■ 1.1336, 1.3632,

302.2080, 371.4420

2.8952

334.8294,
359.5544, 438.9793

■ 0.0530, 0.1894,
1.0414

■ 0.0000, 0.0000,
0.0000

■ 54.7258, 59.7652,
79.8856

■ 54.7258, 59.7652,
79.8856

■ 47.7890, 53.0458,
78.9552

■ 62.6407, 67.1764,
80.8999

■ 41.7819, 46.9855,
78.1021

■ 71.5686, 75.2957,
81.9965

■ 36.6598, 41.5599,
77.3248

■ 81.5491, 84.1479,
83.1792

■ 32.3721, 36.7394,
76.6203

■ 86.8812, 90.7971,
84.1815

■ 28.8623, 32.4918,
75.9854

■ 89.6406, 96.3159,
85.1014

■ 26.0662, 28.7806,
75.4165

■ 90.5908, 98.2163,
85.4181

■ 23.9081, 25.5632,
74.9092

■ 22.2568, 22.7683,
74.4568

■ 22.2567, 22.7682,
74.4567

Harmonies

Analogous

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



52.6750, 59.7652, 74.4369



54.7258, 59.7652, 79.8856



57.3952, 59.7652, 81.2277

Triad

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



54.7258, 59.7652, 79.8856



62.1961, 59.7652, 63.4042



53.7381, 59.7652, 53.6850

Complementary

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



54.7258, 59.7652, 79.8856



59.4841, 59.6910, 51.5676

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.



56.2189, 59.7652, 51.2181



54.7258, 59.7652, 79.8856



61.1455, 59.7652, 56.5314

Square

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



54.7258, 59.7652, 79.8856



61.7653, 59.7652, 71.2912



58.9363, 59.7652, 52.2169



52.1177, 59.7652, 59.2295

Rectangle

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



54.7258, 59.7652, 79.8856



59.1784, 59.7652, 79.5248



58.9363, 59.7652, 52.2169



54.4959, 59.7652, 52.4895

Sweetspot

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



54.7276, 59.7676, 79.8870



87.7223, 93.3706, 108.0066



55.8554, 67.5975, 63.0785



18.6119, 19.8352, 23.0976



0.0000, 0.0000, 0.0000



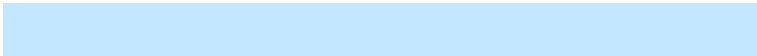
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7276, 59.7676, 79.8870



68.6896, 75.5484, 105.5697



49.8155, 49.9434, 78.2496



13.6327, 14.6045, 17.4881



12.9424, 13.3544, 42.9439



0.9840, 1.0994, 3.0056

Inverse Universe

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



58.6365, 53.1564, 66.2040



74.8439, 65.4972, 83.9465



64.8182, 70.3591, 53.3456



14.0508, 13.8380, 16.0377



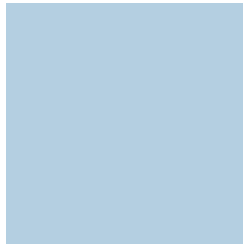
20.4729, 10.2562, 14.4221



1.4629, 0.7284, 1.2306

Previews

White Background



This preview shows how the XYZ color 54.7258, 59.7652, 79.8856 looks on a white background.

Color Contrast Check

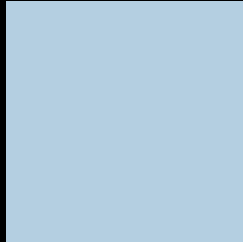
Large Text (above 18pt) WCAG AA × Fail

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 54.7258, 59.7652, 79.8856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

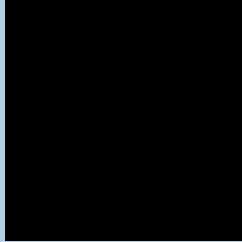
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

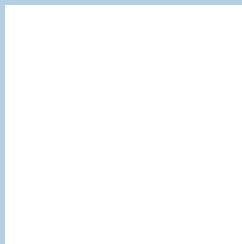
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7258, 59.7652, 79.8856

Background



This preview shows how black text looks on a background with the XYZ color 54.7258, 59.7652, 79.8856.



This preview shows how white text looks on a background with the XYZ color 54.7258, 59.7652,

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

54.7258, 59.7652, 79.8856

Protanopia

58.0252, 59.4113, 76.8159

Deuteranopia

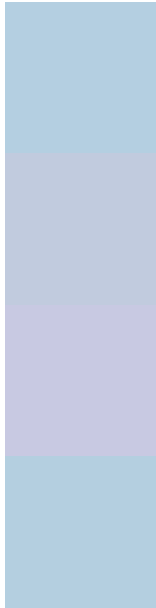
60.6953, 59.3274, 80.9254



Tritanopia

54.5898, 59.7108, 79.1692

Trichromacy



Original Color

54.7258, 59.7652, 79.8856

Protanomaly

56.5331, 59.3233, 77.5782

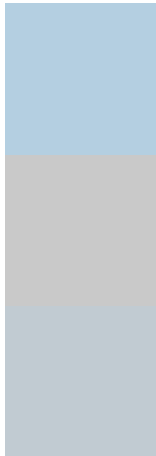
Deuteranomaly

58.4335, 59.5436, 80.3648

Tritanomaly

54.5898, 59.7108, 79.1692

Monochromacy



Original Color

54.7258, 59.7652, 79.8856

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9811, 58.7025, 69.4057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7258, 59.7652, 79.8856 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(180, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(180, 207, 225)  
}
```

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(180, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 207, 225) }
```

Border

The CSS property to change the border of an element to XYZ 54.7258, 59.7652, 79.8856 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(180, 207, 225) }
```


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

```
.border{ border-color:rgb(180, 207, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 207, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(180, 207,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7258, 59.7652, 79.8856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 207, 225) }
```

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

```
.background{ background-color: rgb(180,  
207, 225) }
```

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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