

Converting Colors

XYZ(54.0914, 59.5575, 67.1296)

Have a look what the booklet for
XYZ(54.0914, 59.5575, 67.1296)
contains.

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Color

**XYZ(54.1924, 59.7732,
67.0737)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCFCE
RGB	188, 207, 206
RGB Percent	74%, 81%, 81%
CMY	0.2627, 0.1882, 0.1922
CMYK	0.09, 0.00, 0.00, 0.19
HSL	177°, 17%, 77%
HSV	177°, 9%, 81%
XYZ	54.1924, 59.7732, 67.0737
YIQ	201.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

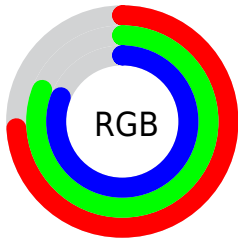
Format	Color
R _Y B	188, 198, 207
Decimal	12373966
CIE Lab	81.71, -6.58, -1.70
CIE LCh	82, 6.794, 194.497
Yxy	59.7732, 0.2993, 0.3302
Android (android.graphics.Color)	4290564046 (0xFFBCCFCE)
YUV	201.2050, 2.3639, -11.5808
Hunter-Lab	77.3131, -10.1790, 2.6816

Details

The XYZ color **54.1924, 59.7732, 67.0737** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9028, 52.9075, 55.5706**, and the grayscale version is **55.6365, 58.5339, 63.7435**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **27.0504, 30.2004, 34.1093** is the 20% darker color. If you saturate the color by 10%, you get **49.3224, 57.2795, 66.1565**, and if you desaturate by 10%, it is **59.7982, 62.6493, 68.0327**.

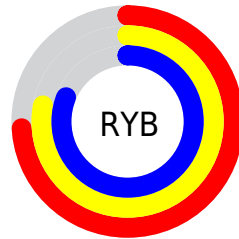
Distribution



Red (74%)

Green (81%)

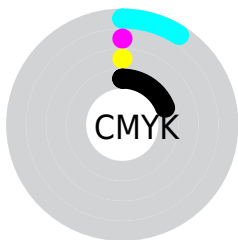
Blue (81%)



Red (74%)

Yellow (78%)

Blue (81%)

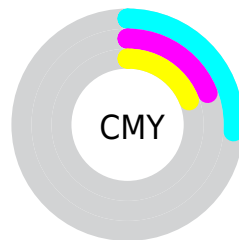


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (26%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1924, 59.7732, 67.0737 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 54.1924, 59.7732, 67.0737 by changing the saturation by 10% instead.

■ 54.1924, 59.7732,
67.0737

■ 54.1924, 59.7732,
67.0737

393.0297,
423.7613, 468.7157

■ 38.9868, 43.2359,
48.6826

■ 95.5119, 104.5006,
116.6677

■ 26.9301, 30.0702,
34.0039

122.3565,
133.4594, 148.7076

■ 17.6571, 19.8919,
22.6192

153.8115,
167.3276, 186.1341

■ 10.8023, 12.3165,
14.1099

190.2423,
206.4894, 229.3659

■ 6.0003, 6.9596,
8.0575

232.0141,
251.3292, 278.8214

■ 2.8859, 3.4368,
4.0435

279.4924,

■ 1.0937, 1.3638,

302.2316, 334.9191

1.6492

333.0424,
359.5808, 398.0777

■ 0.0199, 0.1898,
0.3256

■ 0.0000, 0.0000,
0.0000

■ 54.1924, 59.7732,
67.0737

■ 54.1924, 59.7732,
67.0737

■ 49.3224, 57.2795,
66.1565

■ 59.7982, 62.6493,
68.0327

■ 45.1521, 55.1449,
65.2756

■ 66.1638, 65.9154,
69.0308

■ 41.6500, 53.3545,
64.4307

■ 73.3184, 69.5882,
70.0706

■ 38.7801, 51.8900,
63.6202

■ 75.2332, 70.5595,
70.8701

36.5033, 50.7311,
62.8423

75.3701, 70.6143,
71.5913

34.7759, 49.8554,
62.0948

75.5080, 70.6695,
72.3173

33.5482, 49.2371,
61.3755

75.6468, 70.7250,
73.0483

32.7616, 48.8462,
60.6816

75.7866, 70.7809,
73.7842

32.3181, 48.6320,
60.0085

75.9273, 70.8372,
74.5251

Harmonies

Analogous

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



54.2045, 59.7732, 63.0010



54.1924, 59.7732, 67.0737



54.8742, 59.7732, 70.7584

Triad

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



54.1924, 59.7732, 67.0737



58.7613, 59.7732, 70.8618



57.5506, 59.7732, 57.7871

Complementary

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



54.1924, 59.7732, 67.0737



52.9028, 52.9075, 55.5706

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.



58.7962, 59.7732, 59.7192



54.1924, 59.7732, 67.0737



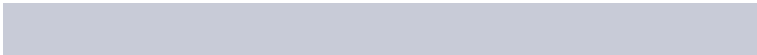
59.5031, 59.7732, 67.2101

Square

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



54.1924, 59.7732, 67.0737



57.5036, 59.7732, 73.0069



59.5160, 59.7732, 63.1318



56.1272, 59.7732, 57.7540

Rectangle

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



54.1924, 59.7732, 67.0737



55.6372, 59.7732, 72.4507



59.5160, 59.7732, 63.1318



58.0045, 59.7732, 58.2323

Sweetspot

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



54.1941, 59.7757, 67.0750



92.2264, 98.5519, 108.4289



52.4441, 59.1119, 56.2235



19.5827, 21.0134, 23.1815



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.



54.1941, 59.7757, 67.0750



85.2353, 94.9678, 107.2012



52.3730, 55.9378, 67.0711



12.1303, 13.3959, 15.0425



20.3523, 30.6339, 37.8311



1.1464, 1.7162, 2.1597

Inverse Universe

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



52.9028, 52.9075, 55.5706



82.7589, 81.7962, 85.1389



54.6039, 56.4835, 55.6023



11.8337, 11.8182, 12.3999



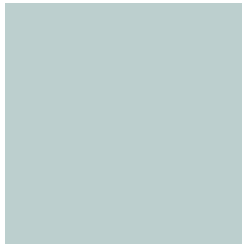
16.2611, 8.3773, 1.0150



0.9183, 0.4720, 0.1046

Previews

White Background



This preview shows how the XYZ color 54.1924, 59.7732, 67.0737 looks on a white background.

Color Contrast Check

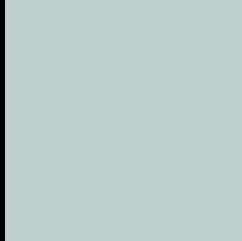
Large Text (above 18pt) WCAG AA × Fail

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 54.1924, 59.7732, 67.0737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

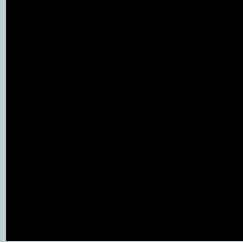
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1924, 59.7732, 67.0737

Background



This preview shows how black text looks on a background with the XYZ color 54.1924, 59.7732, 67.0737.

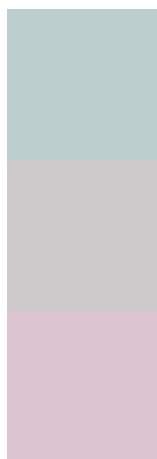


This preview shows how white text looks on a background with the XYZ color 54.1924, 59.7732,

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

54.1924, 59.7732, 67.0737

Protanopia

57.3536, 59.6747, 64.9954

Deuteranopia

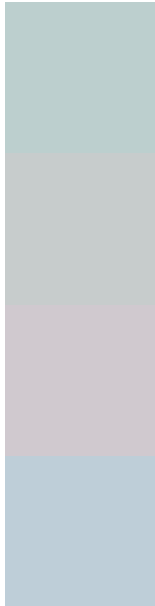
60.8666, 59.7022, 67.9902



Tritanopia

56.3683, 59.9595, 77.0090

Trichromacy



Original Color

54.1924, 59.7732, 67.0737

Protanomaly

56.0451, 59.6875, 65.6937

Deuteranomaly

58.1616, 59.6882, 67.4870

Tritanomaly

55.7012, 60.0476, 73.6203

Monochromacy



Original Color

54.1924, 59.7732, 67.0737

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9004, 58.7594, 64.9481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1924, 59.7732, 67.0737 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, 207, 206) looks like.

```
.text, #text, p{  
    color:rgb(188, 207, 206)  
}
```

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, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 206) }
```

Border

The CSS property to change the border of an element to XYZ 54.1924, 59.7732, 67.0737 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, 207, 206) }
```


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

```
.border{ border-color:rgb(188, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 207, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 207, 206); box-shadow:4px 4px 4px 4px rgb(188, 207, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1924, 59.7732, 67.0737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 207, 206) }
```

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

```
.background{ background-color: rgb(188,  
207, 206) }
```

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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