

Converting Colors

XYZ(54.2785, 59.1573, 69.2429)

Have a look what the booklet for
XYZ(54.2785, 59.1573, 69.2429)
contains.

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Color

**XYZ(54.2032, 59.0072,
69.5055)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCDD2
RGB	188, 205, 210
RGB Percent	74%, 80%, 82%
CMY	0.2627, 0.1961, 0.1765
CMYK	0.10, 0.02, 0.00, 0.18
HSL	194°, 20%, 78%
HSV	194°, 10%, 82%
XYZ	54.2032, 59.0072, 69.5055
YIQ	200.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

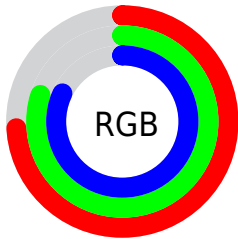
Format	Color
RYB	188, 198, 210
Decimal	12373458
CIELab	81.30, -4.74, -4.46
CIELCh	81, 6.507, 223.212
Yxy	59.0072, 0.2967, 0.3229
Android (android.graphics.Color)	4290563538 (0xFFBCCDD2)
YUV	200.4870, 4.6899, -10.9511
Hunter-Lab	76.8161, -8.4746, 0.1240

Details

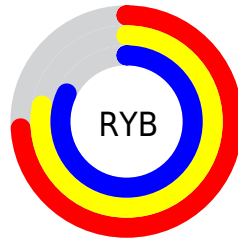
The XYZ color **54.2032, 59.0072, 69.5055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7256, 55.4719, 55.4006**, and the grayscale version is **55.1786, 58.0521, 63.2188**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **27.0590, 29.6844, 35.7560** is the 20% darker color. If you saturate the color by 10%, you get **48.2784, 54.2864, 68.9075**, and if you desaturate by 10%, it is **60.9189, 64.1906, 70.1530**.

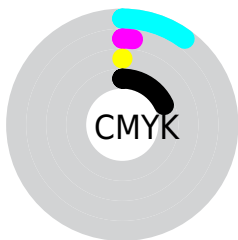
Distribution



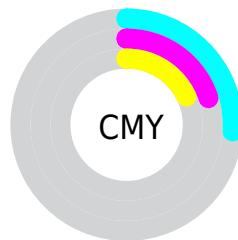
- Red (74%)
- Green (80%)
- Blue (82%)



- Red (74%)
- Yellow (78%)
- Blue (82%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2032, 59.0072, 69.5055 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 54.2032, 59.0072, 69.5055 by changing the saturation by 10% instead.

■ 54.2032, 59.0072,
69.5055

■ 54.2032, 59.0072,
69.5055

393.0701,
420.9286, 477.5540

■ 38.9955, 42.6189,
50.6492

■ 95.5277, 103.3881,
120.1778

■ 26.9369, 29.5862,
35.5547

122.3751,
132.1496, 152.8308

■ 17.6622, 19.5247,
23.8035

153.8332,
165.8042, 190.9199

■ 10.8059, 12.0500,
14.9771

190.2672,
204.7363, 234.8635

■ 6.0028, 6.7778,
8.6569

232.0426,
249.3305, 285.0801

■ 2.8875, 3.3235,
4.4243

279.5246,

■ 1.0945, 1.3029,

299.9710, 341.9884

1.8609

333.0787,
357.0422, 406.0068

■ 0.0205, 0.1434,
0.4677

■ 0.0000, 0.0000,
0.0000

■ 54.2032, 59.0072,
69.5055

■ 54.2032, 59.0072,
69.5055

■ 48.2784, 54.2864,
68.9075

■ 60.9189, 64.1906,
70.1530

■ 43.1069, 50.0034,
68.3534

■ 68.4513, 69.8455,
70.8475

■ 38.6552, 46.1423,
67.8427

■ 76.8309, 75.9897,
71.5918

■ 34.8854, 42.6830,
67.3737

■ 79.5511, 79.2694,
72.0814

■ 31.7561, 39.6036,
66.9442

■ 80.8517, 81.8706,
72.5150

■ 29.2209, 36.8799,
66.5521

■ 82.1886, 84.5443,
72.9606

■ 27.2272, 34.4841,
66.1948

■ 83.5620, 87.2910,
73.4184

■ 25.7123, 32.3835,
65.8692

■ 84.9722, 90.1115,
73.8884

■ 24.6071, 30.6014,
65.5834

■ 86.4195, 93.0061,
74.3709

Harmonies

Analogous

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



53.5811, 59.0072, 65.9729



54.2032, 59.0072, 69.5055



55.3339, 59.0072, 71.6763

Triad

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



54.2032, 59.0072, 69.5055



58.6214, 59.0072, 66.4328



55.4900, 59.0072, 57.2411

Complementary

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



54.2032, 59.0072, 69.5055



54.7256, 55.4719, 55.4006

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.



56.8420, 59.0072, 57.3530



54.2032, 59.0072, 69.5055



58.6648, 59.0072, 62.5550

Square

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



54.2032, 59.0072, 69.5055



57.8912, 59.0072, 69.8538



58.0090, 59.0072, 59.2641



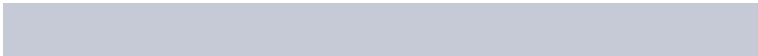
54.3159, 59.0072, 58.9519

Rectangle

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



54.2032, 59.0072, 69.5055



56.2310, 59.0072, 72.0070



58.0090, 59.0072, 59.2641



55.9384, 59.0072, 57.0689

Sweetspot

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



54.2049, 59.0097, 69.5068



91.7395, 97.4743, 108.5870



53.3862, 60.6254, 59.2047



19.4509, 20.7215, 23.2244



0.0000, 0.0000, 0.0000



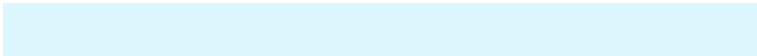
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2049, 59.0097, 69.5068



81.5332, 89.5358, 107.5926



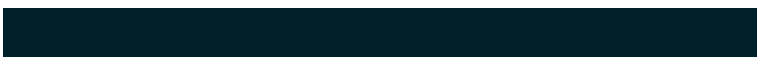
51.7166, 54.0330, 68.6774



11.9212, 12.9327, 15.1116



15.0885, 18.8235, 40.0305



0.9008, 1.1668, 2.2573

Inverse Universe

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



55.5823, 54.0770, 65.2690



84.1827, 80.1674, 99.4140



57.1938, 60.4083, 56.2234



12.1911, 11.9612, 14.2822



20.2467, 9.9715, 22.0030



1.1609, 0.5691, 1.3821

Previews

White Background



This preview shows how the XYZ color 54.2032, 59.0072, 69.5055 looks on a white background.

Color Contrast Check

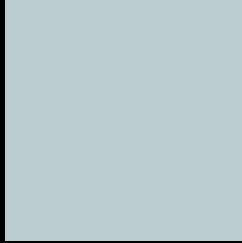
Large Text (above 18pt) WCAG AA × Fail

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 54.2032, 59.0072, 69.5055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

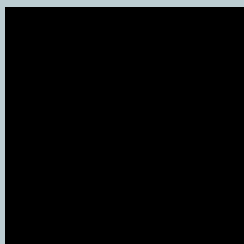
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

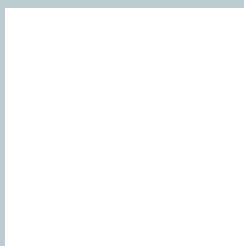
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2032, 59.0072, 69.5055

Background



This preview shows how black text looks on a background with the XYZ color 54.2032, 59.0072, 69.5055.



This preview shows how white text looks on a background with the XYZ color 54.2032, 59.0072,

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

54.2032, 59.0072, 69.5055

Protanopia

57.0510, 59.1157, 67.4350

Deuteranopia

60.2389, 58.9850, 70.4977



Tritanopia

55.5094, 58.8263, 76.1391

Trichromacy



Original Color

54.2032, 59.0072, 69.5055

Protanomaly

55.7944, 58.8009, 68.0835

Deuteranomaly

57.6349, 58.6718, 69.9151

Tritanomaly

54.9738, 58.9624, 73.4492

Monochromacy



Original Color

54.2032, 59.0072, 69.5055

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7846, 58.3365, 65.4993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2032, 59.0072, 69.5055 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, 205, 210) looks like.

```
.text, #text, p{  
    color:rgb(188, 205, 210)  
}
```

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, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 205, 210) }
```

Border

The CSS property to change the border of an element to XYZ 54.2032, 59.0072, 69.5055 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, 205, 210) }
```


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

```
.border{ border-color:rgb(188, 205, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 205, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(188, 205,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2032, 59.0072, 69.5055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 205, 210) }
```

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

```
.background{ background-color: rgb(188,  
205, 210) }
```

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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