

Converting Colors

XYZ(55.2572, 60.2982, 69.2198)

Have a look what the booklet for
XYZ(55.2572, 60.2982, 69.2198)
contains.

XYZ(55.3073, 60.3055, 69.0467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.3073, 60.3055,
69.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCFD1
RGB	191, 207, 209
RGB Percent	75%, 81%, 82%
CMY	0.2510, 0.1882, 0.1804
CMYK	0.09, 0.01, 0.00, 0.18
HSL	187°, 16%, 78%
HSV	187°, 9%, 82%
XYZ	55.3073, 60.3055, 69.0467
YIQ	202.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

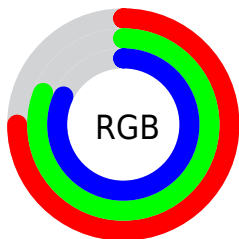
Format	Color
RYB	191, 199, 209
Decimal	12570577
CIELab	82.00, -5.00, -2.85
CIELCh	82, 5.757, 209.722
Yxy	60.3055, 0.2995, 0.3266
Android (android.graphics.Color)	4290760657 (0xFFBFCFD1)
YUV	202.4440, 3.2321, -10.0364
Hunter-Lab	77.6566, -8.7708, 1.6432

Details

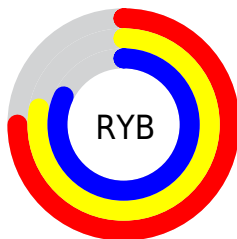
The XYZ color **55.3073, 60.3055, 69.0467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7686, 55.4563, 57.1087**, and the grayscale version is **56.4028, 59.3401, 64.6214**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **27.7889, 30.5523, 35.4429** is the 20% darker color. If you saturate the color by 10%, you get **49.8647, 56.6736, 68.6335**, and if you desaturate by 10%, it is **61.5117, 64.3456, 69.5005**.

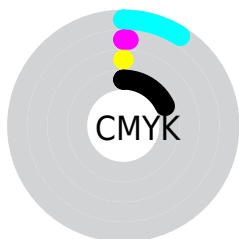
Distribution



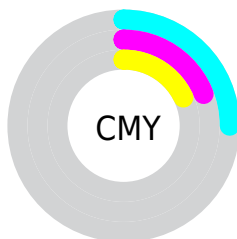
- Red (75%)
- Green (81%)
- Blue (82%)



- Red (75%)
- Yellow (78%)
- Blue (82%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3073, 60.3055, 69.0467 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 55.3073, 60.3055, 69.0467 by changing the saturation by 10% instead.

■ 55.3073, 60.3055,
69.0467

■ 55.3073, 60.3055,
69.0467

397.1932,
425.7229, 475.8941

■ 39.8826, 43.6649,
50.2777

■ 97.1368, 105.2727,
119.5166

■ 27.6308, 30.4072,
35.2614

124.2722,
134.3681, 152.0546

■ 18.1866, 20.1478,
23.5792

156.0420,
168.3839, 190.0195

■ 11.1845, 12.5026,
14.8124

192.8115,
207.7046, 233.8296

■ 6.2593, 7.0869,
8.5427

234.9460,
252.7144, 283.9036

■ 3.0455, 3.5165,
4.3514

282.8109,

■ 1.1779, 1.4070,

303.7978, 340.6599

1.8200

336.7715,
361.3392, 404.5173

■ 0.0888, 0.2219,
0.4411

■ 0.0000, 0.0000,
0.0000

■ 55.3073, 60.3055,
69.0467

■ 55.3073, 60.3055,
69.0467

■ 49.8647, 56.6736,
68.6335

■ 61.5117, 64.3456,
69.5005

■ 45.1470, 53.4260,
68.2553

■ 68.5024, 68.8018,
69.9921

■ 41.1220, 50.5476,
67.9118

■ 76.3093, 73.6910,
70.5244

■ 37.7532, 48.0196,
67.6014

■ 77.3760, 75.1180,
70.7436

35.0006, 45.8213,
67.3222

77.9752, 76.3164,
70.9433

32.8196, 43.9296,
67.0720

78.5828, 77.5316,
71.1459

31.1598, 42.3186,
66.8485

79.1989, 78.7637,
71.3512

29.9619, 40.9575,
66.6490

79.8235, 80.0129,
71.5594

29.1333, 39.7987,
66.4689

80.4565, 81.2790,
71.7704

Harmonies

Analogous

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



55.0068, 60.3055, 65.6299



55.3073, 60.3055, 69.0467



56.1451, 60.3055, 71.6310

Triad

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



55.3073, 60.3055, 69.0467



59.3664, 60.3055, 69.1050



57.3299, 60.3055, 59.1767

Complementary

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



55.3073, 60.3055, 69.0467



54.7686, 55.4563, 57.1087

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.



58.5083, 60.3055, 60.0350



55.3073, 60.3055, 69.0467



59.6942, 60.3055, 65.6950

Square

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



55.3073, 60.3055, 69.0467



58.4884, 60.3055, 71.6655



59.3780, 60.3055, 62.3906



56.1645, 60.3055, 60.0044

Rectangle

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



55.3073, 60.3055, 69.0467



56.9014, 60.3055, 72.4905



59.3780, 60.3055, 62.3906



57.7377, 60.3055, 59.2772

Sweetspot

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



55.3090, 60.3080, 69.0480



92.0212, 98.0376, 108.6809



53.8906, 60.5196, 59.1772



19.5271, 20.8740, 23.2498



0.0000, 0.0000, 0.0000



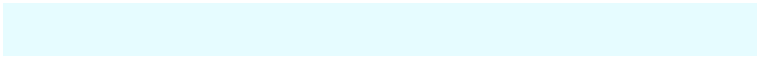
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3090, 60.3080, 69.0480



85.3871, 93.6889, 108.1911



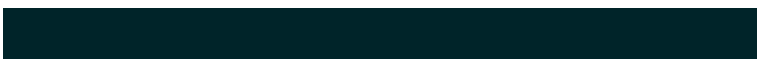
53.2352, 56.1605, 68.3568



12.0417, 13.1737, 15.1518



17.9434, 24.5334, 40.9822



1.0360, 1.4371, 2.3024

Inverse Universe

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



56.1891, 55.3230, 66.7515



86.9957, 84.6149, 103.9850



56.7730, 59.4651, 57.7768



12.2520, 11.9855, 14.6026



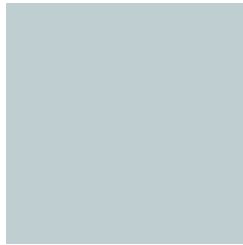
21.6877, 10.5479, 29.5915



1.2291, 0.5964, 1.7414

Previews

White Background



This preview shows how the XYZ color 55.3073, 60.3055, 69.0467 looks on a white background.

Color Contrast Check

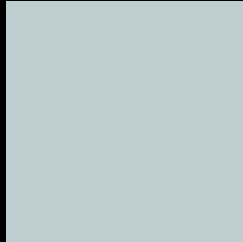
Large Text (above 18pt) WCAG AA × Fail

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 55.3073, 60.3055, 69.0467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

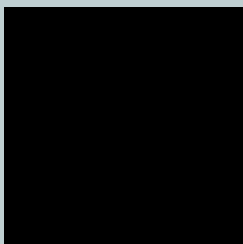
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

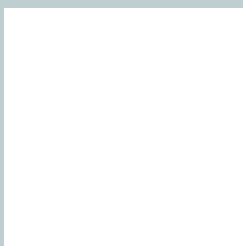
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3073, 60.3055, 69.0467

Background



This preview shows how black text looks on a background with the XYZ color 55.3073, 60.3055, 69.0467.

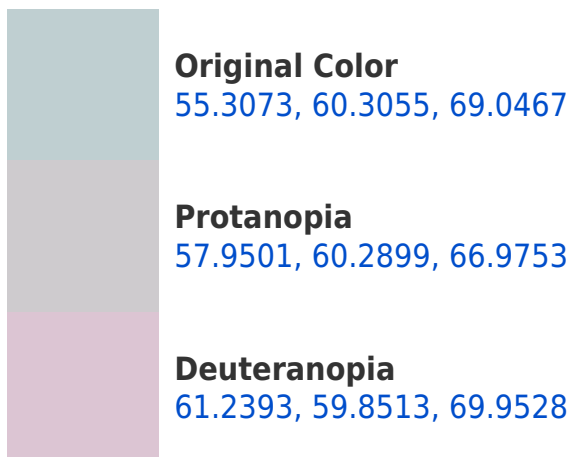


This preview shows how white text looks on a background with the XYZ color 55.3073, 60.3055,

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

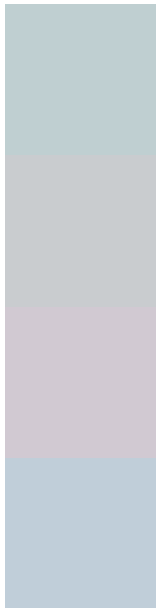




Tritanopia

56.8748, 60.2206, 77.0327

Trichromacy



Original Color

55.3073, 60.3055, 69.0467

Protanomaly

56.9427, 60.1082, 67.6323

Deuteranomaly

58.8140, 59.9817, 69.4506

Tritanomaly

56.3339, 60.3588, 74.3269

Monochromacy



Original Color

55.3073, 60.3055, 69.0467

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9010, 59.5993, 66.3151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3073, 60.3055, 69.0467 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(191, 207, 209)` looks like.

```
.text, #text, p{  
    color:rgb(191, 207, 209)  
}
```

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(191, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 207, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.3073, 60.3055, 69.0467 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(191, 207, 209) }
```


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

```
.border{ border-color:rgb(191, 207, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 207, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(191, 207,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3073, 60.3055, 69.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 207, 209) }
```

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

```
.background{ background-color: rgb(191,  
207, 209) }
```

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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