

Converting Colors

XYZ(55.1937, 59.8672, 80.0912)

Have a look what the booklet for
XYZ(55.1937, 59.8672, 80.0912)
contains.

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Color

**XYZ(55.1948, 60.0070,
79.9076)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CFE1
RGB	182, 207, 225
RGB Percent	71%, 81%, 88%
CMY	0.2863, 0.1882, 0.1176
CMYK	0.19, 0.08, 0.00, 0.12
HSL	205°, 42%, 80%
HSV	205°, 19%, 88%
XYZ	55.1948, 60.0070, 79.9076
YIQ	201.5770, -20.6780, 0.2980

Conversions

Conversions Part 2

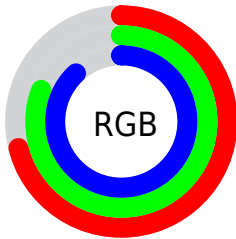
Format	Color
RYB	182, 198, 225
Decimal	11980769
CIELab	81.84, -4.58, -11.71
CIELCh	82, 12.574, 248.614
Yxy	60.0070, 0.2829, 0.3076
Android (android.graphics.Color)	4290170849 (0xFFB6CFE1)
YUV	201.5770, 11.5475, -17.1690
Hunter-Lab	77.4642, -8.3775, -6.9352

Details

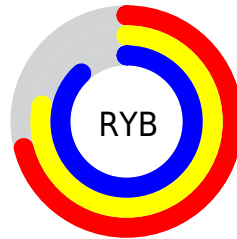
The XYZ color **55.1948, 60.0070, 79.9076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1495, 60.6934, 52.8019**, and the grayscale version is **55.8167, 58.7235, 63.9499**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **27.7002, 30.3519, 42.4288** is the 20% darker color. If you saturate the color by 10%, you get **48.0885, 53.0584, 78.9419**, and if you desaturate by 10%, it is **63.2946, 67.6728, 80.9613**.

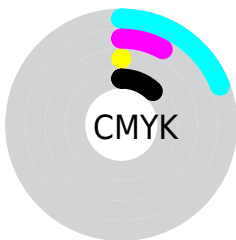
Distribution



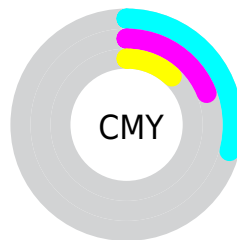
- Red (71%)
- Green (81%)
- Blue (88%)



- Red (71%)
- Yellow (78%)
- Blue (88%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1948, 60.0070, 79.9076 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 55.1948, 60.0070, 79.9076 by changing the saturation by 10% instead.

■ 55.1948, 60.0070,
79.9076

■ 55.1948, 60.0070,
79.9076

396.7743,
424.6236, 514.3199

■ 39.7922, 43.4243,
59.1166

■ 96.9730, 104.8398,
135.0460

■ 27.5600, 30.2182,
42.2864

124.0792,
133.8587, 170.2306

■ 18.1330, 20.0042,
28.9983

155.8174,
167.7918, 211.0500

■ 11.1458, 12.3981,
18.8340

192.5528,
207.0234, 257.9229

■ 6.2330, 7.0154,
11.3748

234.6509,
251.9380, 311.2678

■ 3.0293, 3.4717,
6.2022

282.4769,

■ 1.1693, 1.3827,

302.9200, 371.5033

2.8976

336.3963,
360.3537, 439.0478

■ 0.0819, 0.2039,
1.0426

■ 0.0000, 0.0000,
0.0000

■ 55.1948, 60.0070,
79.9076

■ 55.1948, 60.0070,
79.9076

■ 48.0885, 53.0584,
78.9419

■ 63.2946, 67.6728,
80.9613

■ 41.9272, 46.7940,
78.0575

■ 72.4227, 76.0727,
82.1016

■ 36.6663, 41.1887,
77.2528

■ 82.6188, 85.2319,
83.3321

■ 32.2551, 36.2127,
76.5249

■ 87.3844, 91.8036,
84.3494

■ 28.6374, 31.8333,
75.8702

■ 90.3013, 97.6374,
85.3217

■ 25.7496, 28.0137,
75.2852

■ 90.5908, 98.2163,
85.4181

■ 23.5168, 24.7112,
74.7654

■ 21.8220, 21.8615,
74.3047

■ 21.6842, 21.6231,
74.2659

Harmonies

Analogous

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



53.1409, 60.0070, 74.8859



55.1948, 60.0070, 79.9076



57.8024, 60.0070, 80.8734

Triad

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



55.1948, 60.0070, 79.9076



62.2289, 60.0070, 63.1734



53.9101, 60.0070, 54.5736

Complementary

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



55.1948, 60.0070, 79.9076



60.1495, 60.6934, 52.8019

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.



56.2742, 60.0070, 51.9305



55.1948, 60.0070, 79.9076



61.1145, 60.0070, 56.6372

Square

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



55.1948, 60.0070, 79.9076



61.9181, 60.0070, 70.8110



58.9154, 60.0070, 52.6556



52.4153, 60.0070, 60.1534

Rectangle

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



55.1948, 60.0070, 79.9076



59.5130, 60.0070, 79.0206



58.9154, 60.0070, 52.6556



54.6264, 60.0070, 53.3327

Sweetspot

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



55.1966, 60.0095, 79.9090



87.6345, 93.1949, 107.9773



56.6333, 67.9628, 64.7269



18.5912, 19.7937, 23.0906



0.0000, 0.0000, 0.0000



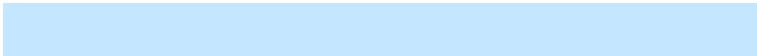
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1966, 60.0095, 79.9090



69.3290, 75.8486, 105.5940



50.3544, 50.3250, 78.2949



13.6108, 14.5606, 17.4808



12.6132, 12.6960, 42.8341



0.9622, 1.0558, 2.9983

Inverse Universe

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



59.0432, 53.9697, 66.3396



75.4056, 66.6366, 84.0844



65.4625, 71.3192, 54.5728



14.0398, 13.8335, 15.9795



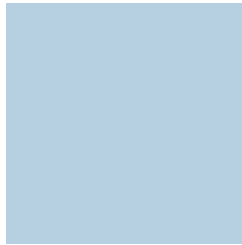
20.3068, 10.1897, 13.5471



1.4519, 0.7240, 1.1726

Previews

White Background



This preview shows how the XYZ color 55.1948, 60.0070, 79.9076 looks on a white background.

Color Contrast Check

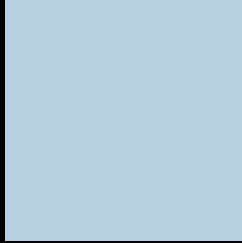
Large Text (above 18pt) WCAG AA × Fail

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 55.1948, 60.0070, 79.9076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

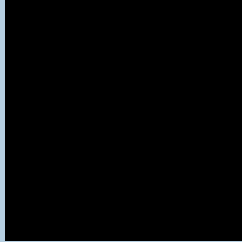
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

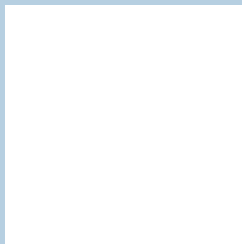
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1948, 60.0070, 79.9076

Background



This preview shows how black text looks on a background with the XYZ color 55.1948, 60.0070, 79.9076.



This preview shows how white text looks on a background with the XYZ color 55.1948, 60.0070,

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

55.1948, 60.0070, 79.9076

Protanopia

58.3927, 59.9325, 77.5977

Deuteranopia

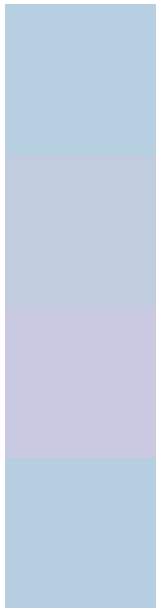
61.2106, 59.9313, 81.0148



Tritanopia

55.0588, 59.9525, 79.1911

Trichromacy



Original Color

55.1948, 60.0070, 79.9076

Protanomaly

57.1603, 59.9828, 78.3772

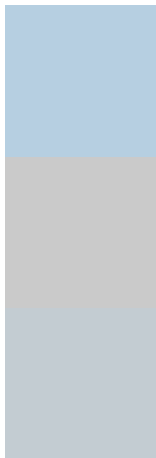
Deuteranomaly

58.7015, 59.6818, 80.3773

Tritanomaly

55.0588, 59.9525, 79.1911

Monochromacy



Original Color

55.1948, 60.0070, 79.9076

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.7314, 59.4410, 69.5087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1948, 60.0070, 79.9076 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(182, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 207, 225) }
```

Border

The CSS property to change the border of an element to XYZ 55.1948, 60.0070, 79.9076 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(182, 207, 225) }
```


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

```
.border{ border-color:rgb(182, 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(182, 207, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(182, 207,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1948, 60.0070, 79.9076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 207, 225) }
```

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

```
.background{ background-color: rgb(182,  
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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