

Converting Colors

XYZ(54.9790, 60.0505, 84.8738)

Have a look what the booklet for
XYZ(54.9790, 60.0505, 84.8738)
contains.

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Color

**XYZ(55.0259, 60.1681,
85.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D0E8
RGB	176, 208, 232
RGB Percent	69%, 82%, 91%
CMY	0.3098, 0.1843, 0.0902
CMYK	0.24, 0.10, 0.00, 0.09
HSL	206°, 55%, 80%
HSV	206°, 24%, 91%
XYZ	55.0259, 60.1681, 85.0574
YIQ	201.1680, -26.7760, 0.6800

Conversions

Conversions Part 2

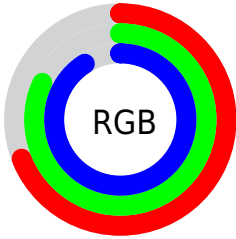
Format	Color
R _Y B	176, 196, 232
Decimal	11587816
CIE Lab	81.93, -5.39, -15.35
CIE LCh	82, 16.270, 250.661
Yxy	60.1681, 0.2748, 0.3005
Android (android.graphics.Color)	4289777896 (0xFFB0D0E8)
YUV	201.1680, 15.2002, -22.0723
Hunter-Lab	77.5681, -9.1184, -10.7169

Details

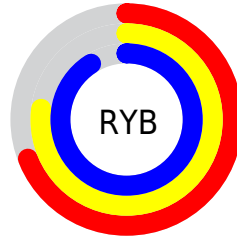
The XYZ color **55.0259, 60.1681, 85.0574** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.7702, 61.5993, 49.7100**, and the grayscale version is **55.5436, 58.4362, 63.6370**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **27.4181, 30.3834, 45.4938** is the 20% darker color. If you saturate the color by 10%, you get **47.8737, 52.9960, 84.0510**, and if you desaturate by 10%, it is **63.2302, 68.1111, 86.1591**.

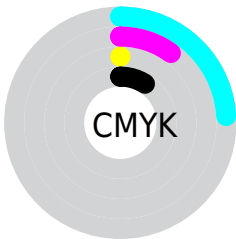
Distribution



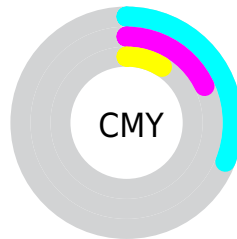
- Red (69%)
- Green (82%)
- Blue (91%)



- Red (69%)
- Yellow (77%)
- Blue (91%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0259, 60.1681, 85.0574 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 55.0259, 60.1681, 85.0574 by changing the saturation by 10% instead.

■ 55.0259, 60.1681,
85.0574

■ 55.0259, 60.1681,
85.0574

396.1449,
425.2171, 531.9675

■ 39.6564, 43.5541,
63.3384

■ 96.7270, 105.0735,
142.3282

■ 27.4537, 30.3201,
45.6723

123.7893,
134.1337, 178.7172

■ 18.0526, 20.0817,
31.6405

155.4799,
168.1114, 220.8331

■ 11.0877, 12.4545,
20.8245

192.1642,
207.3911, 269.0947

■ 6.1936, 7.0540,
12.8058

234.2074,
252.3571, 323.9203

■ 3.0049, 3.4959,
7.1658

281.9751,

■ 1.1564, 1.3958,

303.3939, 385.7287

3.4860

335.8325,
360.8857, 454.9382

■ 0.0715, 0.2136,
1.3478

■ 0.0000, 0.0000,
0.1005

■ 55.0259, 60.1681,
85.0574

■ 55.0259, 60.1681,
85.0574

■ 47.8737, 52.9960,
84.0510

■ 63.2302, 68.1111,
86.1591

■ 41.7197, 46.5586,
83.1328

■ 72.5262, 76.8449,
87.3550

■ 36.5134, 40.8269,
82.3009

■ 82.9578, 86.3977,
88.6490

■ 32.1971, 35.7671,
81.5517

■ 89.3031, 94.0811,
89.7977

■ 28.7064, 31.3412,
80.8814

■ 91.5657, 98.6063,
90.5519

■ 25.9668, 27.5064,
80.2856

■ 23.8881, 24.2114,
79.7592

■ 22.8960, 22.4870,
79.4786

Harmonies

Analogous

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



52.3168, 60.1681, 78.6443



55.0259, 60.1681, 85.0574



58.4201, 60.1681, 85.9431

Triad

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



55.0259, 60.1681, 85.0574



63.9361, 60.1681, 62.0712



52.9864, 60.1681, 52.1707

Complementary

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



55.0259, 60.1681, 85.0574



61.7702, 61.5993, 49.7100

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.



55.9733, 60.1681, 48.6076



55.0259, 60.1681, 85.0574



62.3525, 60.1681, 53.9311

Square

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



55.0259, 60.1681, 85.0574



63.6575, 60.1681, 71.9868



59.4060, 60.1681, 49.2180



51.1723, 60.1681, 59.4391

Rectangle

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



55.0259, 60.1681, 85.0574



60.6270, 60.1681, 83.1919



59.4060, 60.1681, 49.2180



53.8815, 60.1681, 50.5346

Sweetspot

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



55.0277, 60.1705, 85.0588



86.3933, 91.9866, 107.8095



57.1100, 71.0836, 64.9478



18.3389, 19.5460, 23.0561



0.0000, 0.0000, 0.0000



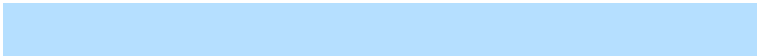
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0277, 60.1705, 85.0588



63.5884, 69.9910, 104.7659



48.9275, 47.9702, 83.0254



14.2631, 15.2477, 18.3357



12.8383, 12.7386, 44.1653



1.0405, 1.1249, 3.2942

Inverse Universe

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



60.1907, 52.7621, 66.6890



71.1352, 59.6725, 77.8002



68.6767, 75.4123, 52.0121



14.7204, 14.5054, 16.7281



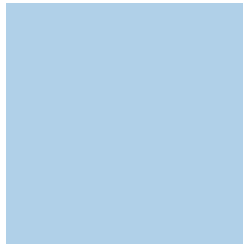
20.8737, 10.4837, 13.4956



1.5888, 0.7932, 1.2412

Previews

White Background



This preview shows how the XYZ color 55.0259, 60.1681, 85.0574 looks on a white background.

Color Contrast Check

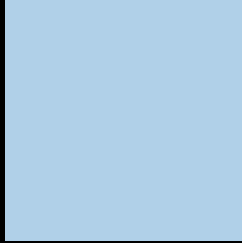
Large Text (above 18pt) WCAG AA × Fail

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 55.0259, 60.1681, 85.0574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

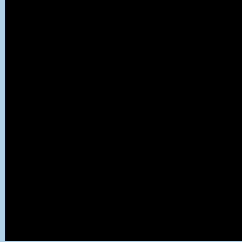
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

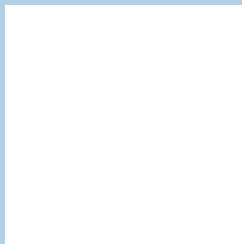
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0259, 60.1681, 85.0574

Background



This preview shows how black text looks on a background with the XYZ color 55.0259, 60.1681, 85.0574.



This preview shows how white text looks on a background with the XYZ color 55.0259, 60.1681,

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

55.0259, 60.1681, 85.0574

Protanopia

58.9435, 60.1219, 81.8968

Deuteranopia

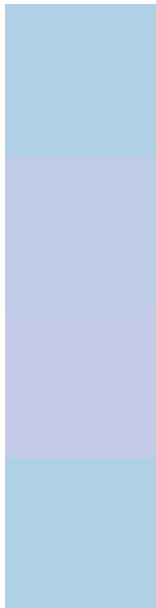
61.0578, 59.7386, 86.1545



Tritanopia

54.2071, 60.2059, 80.7154

Trichromacy



Original Color

55.0259, 60.1681, 85.0574

Protanomaly

57.2216, 59.9192, 82.6784

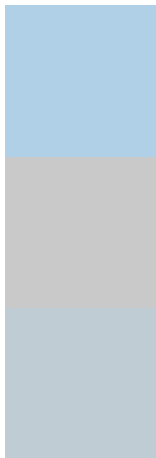
Deuteranomaly

58.5935, 59.8600, 85.5567

Tritanomaly

54.4833, 60.3163, 82.1694

Monochromacy



Original Color

55.0259, 60.1681, 85.0574

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2148, 59.1457, 70.7935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0259, 60.1681, 85.0574 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(176, 208, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 208, 232)  
}
```

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(176, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 208, 232) }
```

Border

The CSS property to change the border of an element to XYZ 55.0259, 60.1681, 85.0574 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(176, 208, 232) }
```


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

```
.border{ border-color:rgb(176, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(176, 208,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0259, 60.1681, 85.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 208, 232) }
```

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

```
.background{ background-color: rgb(176,  
208, 232) }
```

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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