

Converting Colors

XYZ(55.1778, 60.1252, 88.2765)

Have a look what the booklet for
XYZ(55.1778, 60.1252, 88.2765)
contains.

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Color

**XYZ(55.1518, 60.1665,
88.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	AED0EC
RGB	174, 208, 236
RGB Percent	68%, 82%, 93%
CMY	0.3176, 0.1843, 0.0745
CMYK	0.26, 0.12, 0.00, 0.07
HSL	207°, 62%, 80%
HSV	207°, 26%, 93%
XYZ	55.1518, 60.1665, 88.0634
YIQ	201.0260, -29.2520, 1.5000

Conversions

Conversions Part 2

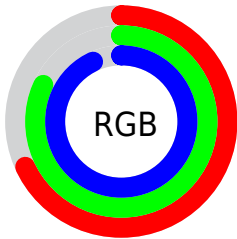
Format	Color
RYB	174, 196, 236
Decimal	11456748
CIELab	81.93, -5.07, -17.50
CIELCh	82, 18.217, 253.852
Yxy	60.1665, 0.2712, 0.2958
Android (android.graphics.Color)	4289646828 (0xFFAED0EC)
YUV	201.0260, 17.2422, -23.7018
Hunter-Lab	77.5671, -8.8252, -13.0161

Details

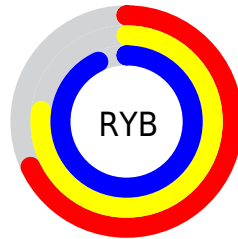
The XYZ color **55.1518, 60.1665, 88.0634** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.3536, 63.1307, 48.8924**, and the grayscale version is **55.4445, 58.3319, 63.5234**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **27.5395, 30.3996, 47.5962** is the 20% darker color. If you saturate the color by 10%, you get **47.8375, 52.6686, 87.0027**, and if you desaturate by 10%, it is **63.5681, 68.4947, 89.2283**.

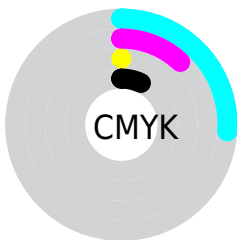
Distribution



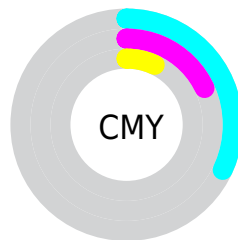
- Red (68%)
- Green (82%)
- Blue (93%)



- Red (68%)
- Yellow (77%)
- Blue (93%)



- Cyan (26%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (32%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1518, 60.1665, 88.0634 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 55.1518, 60.1665, 88.0634 by changing the saturation by 10% instead.

■ 55.1518, 60.1665,
88.0634

■ 55.1518, 60.1665,
88.0634

396.6142,
425.2112, 542.1175

■ 39.7576, 43.5529,
65.8109

■ 96.9104, 105.0712,
146.5573

■ 27.5330, 30.3191,
47.6634

124.0054,
134.1310, 183.6359

■ 18.1126, 20.0809,
33.2023

155.7315,
168.1083, 226.4936

■ 11.1310, 12.4539,
22.0091

192.4539,
207.3875, 275.5489

■ 6.2230, 7.0536,
13.6652

234.5380,
252.3530, 331.2204

■ 3.0231, 3.4956,
7.7521

282.3492,

■ 1.1660, 1.3956,

303.3892, 393.9267

3.8512

336.2528,
360.8805, 464.0862

■ 0.0792, 0.2135,
1.5441

■ 0.0000, 0.0000,
0.2505

■ 55.1518, 60.1665,
88.0634

■ 55.1518, 60.1665,
88.0634

■ 47.8375, 52.6686,
87.0027

■ 63.5681, 68.4947,
89.2283

■ 41.5680, 45.9619,
86.0386

■ 73.1290, 77.6756,
90.4965

■ 36.2888, 40.0148,
85.1689

■ 83.8814, 87.7397,
91.8724

■ 31.9380, 34.7898,
84.3897

■ 90.7634, 96.0821,
93.1199

■ 28.4458, 30.2454,
83.6966

■ 92.1405, 98.8362,
93.5789

■ 25.7309, 26.3341,
83.0848

■ 23.6933, 22.9982,
82.5482

■ 23.0471, 21.8693,
82.3644

Harmonies

Analogous

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



52.0115, 60.1665, 81.3274



55.1518, 60.1665, 88.0634



58.9775, 60.1665, 88.3316

Triad

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



55.1518, 60.1665, 88.0634



64.6808, 60.1665, 60.5644



52.2087, 60.1665, 51.3783

Complementary

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



55.1518, 60.1665, 88.0634



63.3536, 63.1307, 48.8924

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.



55.4321, 60.1665, 47.0042



55.1518, 60.1665, 88.0634



62.6938, 60.1665, 51.8911

Square

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



55.1518, 60.1665, 88.0634



64.5974, 60.1665, 71.5874



59.2705, 60.1665, 47.1807



50.3651, 60.1665, 59.7887

Rectangle

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



55.1518, 60.1665, 88.0634



61.4109, 60.1665, 84.7466



59.2705, 60.1665, 47.1807



53.1603, 60.1665, 49.4315

Sweetspot

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



55.1536, 60.1689, 88.0648



85.0702, 90.5966, 107.6109



58.1013, 73.2504, 66.8931



17.8288, 19.0291, 22.9833



0.0000, 0.0000, 0.0000



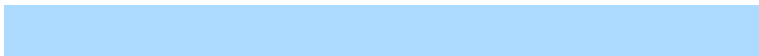
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1536, 60.1689, 88.0648



60.4826, 66.3708, 104.2308



48.3394, 46.5403, 85.7933



14.9159, 15.9183, 19.2086



12.8350, 12.3170, 45.4439



1.1038, 1.1590, 3.6004

Inverse Universe

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



61.1149, 52.6608, 66.6205



68.9350, 56.3706, 73.6804



71.3439, 79.1113, 51.5559



15.4111, 15.1923, 17.4502



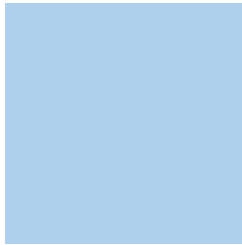
21.3338, 10.7362, 12.8252



1.7236, 0.8624, 1.2620

Previews

White Background



This preview shows how the XYZ color 55.1518, 60.1665, 88.0634 looks on a white background.

Color Contrast Check

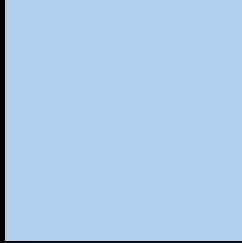
Large Text (above 18pt) WCAG AA × Fail

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 55.1518, 60.1665, 88.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

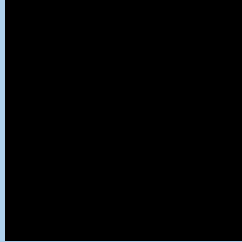
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

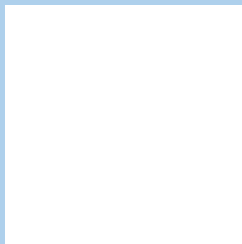
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1518, 60.1665, 88.0634

Background



This preview shows how black text looks on a background with the XYZ color 55.1518, 60.1665, 88.0634.



This preview shows how white text looks on a background with the XYZ color 55.1518, 60.1665,

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

55.1518, 60.1665, 88.0634

Protanopia

58.9747, 60.0730, 84.8309

Deuteranopia

61.0803, 59.6830, 89.1896



Tritanopia

53.7873, 60.3548, 80.7663

Trichromacy



Original Color

55.1518, 60.1665, 88.0634

Protanomaly

57.2871, 59.8877, 85.6309

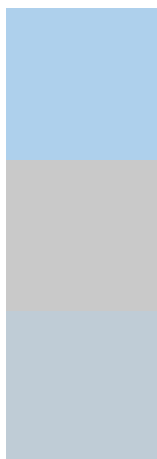
Deuteranomaly

58.6547, 59.8248, 88.5767

Tritanomaly

54.3170, 60.1983, 83.6195

Monochromacy



Original Color

55.1518, 60.1665, 88.0634

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2163, 59.1171, 72.1189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1518, 60.1665, 88.0634 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(174, 208, 236)` looks like.

```
.text, #text, p{  
    color:rgb(174, 208, 236)  
}
```

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(174, 208, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 208, 236) }
```

Border

The CSS property to change the border of an element to XYZ 55.1518, 60.1665, 88.0634 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(174, 208, 236) }
```


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

```
.border{ border-color:rgb(174, 208, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 208, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 208, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 208, 236);  
box-shadow:4px 4px 4px 4px rgb(174, 208,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1518, 60.1665, 88.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 208, 236) }
```

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

```
.background{ background-color: rgb(174,  
208, 236) }
```

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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