

Converting Colors

XYZ(54.9304, 60.2978, 87.4392)

Have a look what the booklet for
XYZ(54.9304, 60.2978, 87.4392)
contains.

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Color

**XYZ(55.0294, 60.4833,
87.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD1EB
RGB	173, 209, 235
RGB Percent	68%, 82%, 92%
CMY	0.3216, 0.1804, 0.0784
CMYK	0.26, 0.11, 0.00, 0.08
HSL	205°, 61%, 80%
HSV	205°, 26%, 92%
XYZ	55.0294, 60.4833, 87.3713
YIQ	201.2000, -29.8020, 0.4540

Conversions

Conversions Part 2

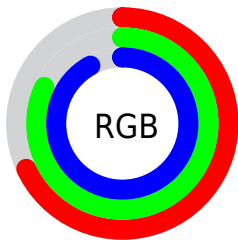
Format	Color
RYB	173, 196, 235
Decimal	11391467
CIELab	82.10, -6.11, -16.71
CIELCh	82, 17.797, 249.904
Yxy	60.4833, 0.2712, 0.2981
Android (android.graphics.Color)	4289581547 (0xFFADD1EB)
YUV	201.2000, 16.6634, -24.7314
Hunter-Lab	77.7710, -9.7958, -12.1692

Details

The XYZ color **55.0294, 60.4833, 87.3713** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.2279, 61.5265, 48.1326**, and the grayscale version is **55.5559, 58.4492, 63.6512**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **27.4658, 30.6193, 47.1103** is the 20% darker color. If you saturate the color by 10%, you get **47.9399, 53.3511, 86.3693**, and if you desaturate by 10%, it is **63.1861, 68.3906, 88.4687**.

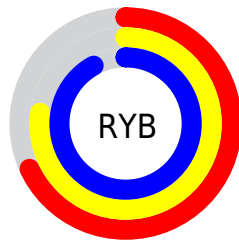
Distribution



Red (68%)

Green (82%)

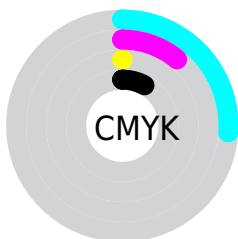
Blue (92%)



Red (68%)

Yellow (77%)

Blue (92%)

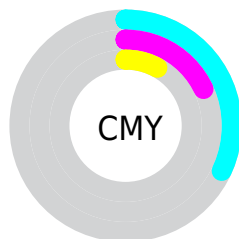


Cyan (26%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0294, 60.4833, 87.3713 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 55.0294, 60.4833, 87.3713 by changing the saturation by 10% instead.

■ 55.0294, 60.4833,
87.3713

■ 55.0294, 60.4833,
87.3713

396.1580,
426.3769, 539.7900

■ 39.6592, 43.8083,
65.2411

■ 96.7321, 105.5304,
145.5850

■ 27.4560, 30.5198,
47.2041

123.7953,
134.6714, 182.5056

■ 18.0543, 20.2335,
32.8415

155.4869,
168.7364, 225.1934

■ 11.0889, 12.5649,
21.7349

192.1722,
208.1099, 274.0671

■ 6.1944, 7.1296,
13.4658

234.2166,
253.1764, 329.5450

■ 3.0054, 3.5433,
7.6156

281.9855,

■ 1.1566, 1.4215,

304.3201, 392.0458

3.7658

335.8441,
361.9255, 461.9879

■ 0.0717, 0.2325,
1.4977

■ 0.0000, 0.0000,
0.2162

■ 55.0294, 60.4833,
87.3713

■ 55.0294, 60.4833,
87.3713

■ 47.9399, 53.3511,
86.3693

■ 63.1861, 68.3906,
88.4687

■ 41.8615, 46.9567,
85.4554

■ 72.4515, 77.0939,
89.6602

■ 36.7410, 41.2701,
84.6277

■ 82.8713, 86.6219,
90.9501

■ 32.5178, 36.2557,
83.8824

■ 89.9324, 94.6518,
92.1279

■ 29.1235, 31.8741,
83.2156

■ 91.9956, 98.7782,
92.8156

■ 26.4785, 28.0797,
82.6226

■ 24.4838, 24.8168,
82.0979

■ 23.8648, 23.7366,
81.9220

Harmonies

Analogous

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



52.0971, 60.4833, 80.1121



55.0294, 60.4833, 87.3713



58.7451, 60.4833, 88.5305

Triad

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



55.0294, 60.4833, 87.3713



64.9386, 60.4833, 62.3449



52.9557, 60.4833, 51.1615

Complementary

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



55.0294, 60.4833, 87.3713



62.2279, 61.5265, 48.1326

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.



56.2481, 60.4833, 47.4269



55.0294, 60.4833, 87.3713



63.2376, 60.4833, 53.4002

Square

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



55.0294, 60.4833, 87.3713



64.5773, 60.4833, 73.2602



60.0179, 60.4833, 48.1990



50.9367, 60.4833, 58.9684

Rectangle

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



55.0294, 60.4833, 87.3713



61.1828, 60.4833, 85.5703



60.0179, 60.4833, 48.1990



53.9442, 60.4833, 49.4292

Sweetspot

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



55.0313, 60.4857, 87.3727



85.2706, 90.9973, 107.6777



57.2326, 72.4178, 64.8943



17.8793, 19.1301, 23.0001



0.0000, 0.0000, 0.0000



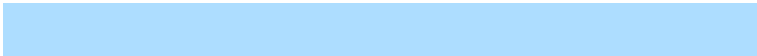
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0313, 60.4857, 87.3727



61.1715, 67.7486, 104.4604



48.1839, 46.7910, 85.0902



14.9578, 16.0020, 19.2226



13.4107, 13.4683, 45.6358



1.1478, 1.2471, 3.6151

Inverse Universe

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



60.7146, 52.1543, 67.1910



69.2827, 56.5097, 75.5113



70.0553, 77.1813, 50.7418



15.4322, 15.2007, 17.5615



21.6244, 10.8524, 14.3552



1.7459, 0.8713, 1.3791

Previews

White Background



This preview shows how the XYZ color 55.0294, 60.4833, 87.3713 looks on a white background.

Color Contrast Check

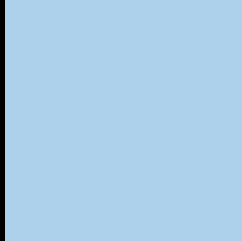
Large Text (above 18pt) WCAG AA × Fail

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 55.0294, 60.4833, 87.3713 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 55.0294, 60.4833, 87.3713

Background



This preview shows how black text looks on a background with the XYZ color 55.0294, 60.4833, 87.3713.



This preview shows how white text looks on a background with the XYZ color 55.0294, 60.4833,

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

55.0294, 60.4833, 87.3713

Protanopia

59.0975, 60.1527, 84.0972

Deuteranopia

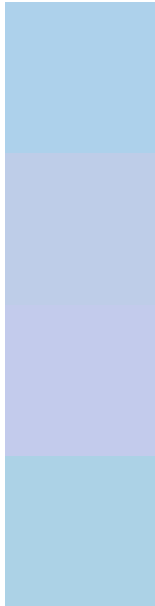
61.4416, 60.2267, 88.5074



Tritanopia

53.7063, 60.2972, 81.4809

Trichromacy



Original Color

55.0294, 60.4833, 87.3713

Protanomaly

57.6320, 60.4360, 84.9717

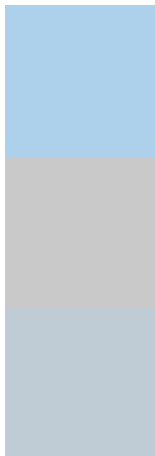
Deuteranomaly

59.0019, 60.3701, 87.8997

Tritanomaly

54.3428, 60.5770, 83.6913

Monochromacy



Original Color

55.0294, 60.4833, 87.3713

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0890, 59.0662, 71.4482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0294, 60.4833, 87.3713 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(173, 209, 235)` looks like.

```
.text, #text, p{  
    color:rgb(173, 209, 235)  
}
```

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(173, 209, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 209, 235) }
```

Border

The CSS property to change the border of an element to XYZ 55.0294, 60.4833, 87.3713 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(173, 209, 235) }
```


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

```
.border{ border-color:rgb(173, 209, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 209, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 209, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 209, 235);  
box-shadow:4px 4px 4px 4px rgb(173, 209,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0294, 60.4833, 87.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 209, 235) }
```

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

```
.background{ background-color: rgb(173,  
209, 235) }
```

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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