

Converting Colors

XYZ(53.8069, 57.7087, 86.9002)

Have a look what the booklet for
XYZ(53.8069, 57.7087, 86.9002)
contains.

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Color

**XYZ(53.8069, 57.7087,
86.9002)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AECBEB |
| RGB | 174, 203, 235 |
| RGB Percent | 68%, 80%, 92% |
| CMY | 0.3176, 0.2039, 0.0784 |
| CMYK | 0.26, 0.14, 0.00, 0.08 |
| HSL | 211°, 60%, 80% |
| HSV | 211°, 26%, 92% |
| XYZ | 53.8069, 57.7087, 86.9002 |
| YIQ | 197.9770, -27.5560, 3.8040 |

Conversions

Conversions Part 2

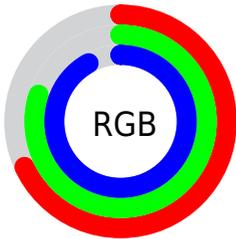
| Format | Color |
|-------------------------------------|--|
| RYB | 174, 194, 235 |
| Decimal | 11455467 |
| CIELab | 80.58, -2.66, -19.01 |
| CIElCh | 81, 19.190, 262.042 |
| Yxy | 57.7087, 0.2712, 0.2908 |
| Android (android.graphics.Color) | 4289645547 (0xFFAECBEB) |
| YUV | 197.9770, 18.2523, -21.0278 |
| Hunter-Lab | 75.9662, -6.5093, -14.6473 |

Details

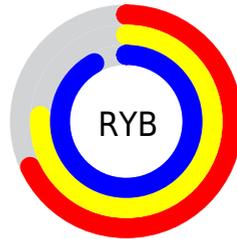
The XYZ color **53.8069, 57.7087, 86.9002** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.9730, 64.8612, 49.1937**, and the grayscale version is **53.5686, 56.3583, 61.3742**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **26.6299, 28.7426, 46.7922** is the 20% darker color. If you saturate the color by 10%, you get **46.2264, 49.6509, 85.7454**, and if you desaturate by 10%, it is **62.5384, 66.7063, 88.1777**.

Distribution



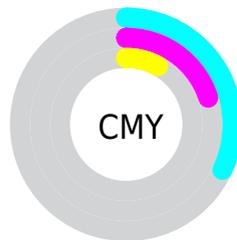
- Red (68%)
- Green (80%)
- Blue (92%)



- Red (68%)
- Yellow (76%)
- Blue (92%)



- Cyan (26%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (32%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8069, 57.7087, 86.9002 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 53.8069, 57.7087, 86.9002 by changing the saturation by 10% instead.

■ 53.8069, 57.7087,
86.9002

■ 53.8069, 57.7087,
86.9002

391.5836,
416.0996, 538.2026

■ 38.6774, 41.5745,
64.8535

■ 94.9492, 101.4985,
144.9227

■ 26.6884, 28.7683,
46.8917

121.6927,
129.9230, 181.7355

■ 17.4747, 18.9056,
32.5963

153.0382,
163.2129, 224.3074

■ 10.6709, 11.6021,
21.5488

189.3511,
201.7528, 273.0570

■ 5.9117, 6.4733,
13.3306

230.9967,
245.9271, 328.4027

■ 2.8316, 3.1350,
7.5232

278.3405,

■ 1.0653, 1.2026,

296.1200, 390.7632

3.7080

331.7476,
352.7160, 460.5570

■ 0.0000, 0.0638,
1.4666

■ 0.0000, 0.0000,
0.1928

■ 53.8069, 57.7087,
86.9002

■ 53.8069, 57.7087,
86.9002

■ 46.2264, 49.6509,
85.7454

■ 62.5384, 66.7063,
88.1777

■ 39.7384, 42.4906,
84.7053

■ 72.4649, 76.6700,
89.5777

■ 34.2872, 36.1922,
83.7769

■ 83.6346, 87.6332,
91.1051

■ 29.8094, 30.7145,
82.9556

■ 91.1443, 97.0757,
92.5319

■ 26.2339, 26.0120,
82.2363

■ 91.9956, 98.7782,
92.8156

■ 23.4785, 22.0328,
81.6135

■ 21.4425, 18.7155,
81.0805

■ 20.7599, 17.5269,
80.8871

Harmonies

Analogous

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



50.3156, 57.7087, 81.5682



53.8069, 57.7087, 86.9002



57.7468, 57.7087, 85.1999

Triad

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



53.8069, 57.7087, 86.9002



62.1864, 57.7087, 55.0292



49.0840, 57.7087, 50.3972

Complementary

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



53.8069, 57.7087, 86.9002



63.9730, 64.8612, 49.1937

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.



52.0525, 57.7087, 44.7723



53.8069, 57.7087, 86.9002



59.6498, 57.7087, 47.2148

Square

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



53.8069, 57.7087, 86.9002



62.7114, 57.7087, 65.8908



55.9073, 57.7087, 43.6814



47.6754, 57.7087, 59.8751

Rectangle

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



53.8069, 57.7087, 86.9002



60.0889, 57.7087, 80.3895



55.9073, 57.7087, 43.6814



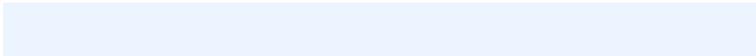
49.9255, 57.7087, 48.0423

Sweetspot

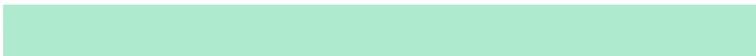
The Sweet Spot groups the original color and five complimentary colors.



53.8087, 57.7110, 86.9015



84.6197, 89.6956, 107.4608



58.2471, 72.8493, 69.0778



17.7154, 18.8023, 22.9455



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.



53.8087, 57.7110, 86.9015



59.8719, 64.3016, 103.8636



47.8158, 45.3877, 84.8387



14.8219, 15.7303, 19.1773



11.6797, 10.0064, 45.0588



1.0129, 0.9772, 3.5701

Inverse Universe

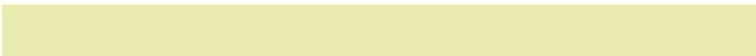
The Inverse Universe completely reimagines the original color for something new.



60.1780, 52.2476, 63.4155



68.8336, 57.1223, 70.7042



71.2756, 79.9633, 51.7238



15.3637, 15.1733, 17.2004



20.7507, 10.5030, 9.7543



1.6778, 0.8441, 1.0204

Previews

White Background



This preview shows how the XYZ color 53.8069, 57.7087, 86.9002 looks on a white background.

Color Contrast Check

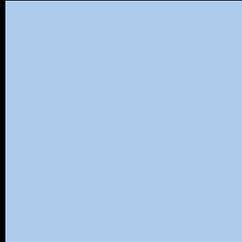
Large Text (above 18pt) WCAG AA × Fail

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 53.8069, 57.7087, 86.9002 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 53.8069, 57.7087, 86.9002

Background



This preview shows how black text looks on a background with the XYZ color 53.8069, 57.7087, 86.9002.



This preview shows how white text looks on a background with the XYZ color 53.8069, 57.7087,

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

53.8069, 57.7087, 86.9002

Protanopia

56.7519, 57.5518, 84.4614

Deuteranopia

58.8886, 57.5621, 88.1276



Tritanopia

51.8107, 57.5945, 77.4934

Trichromacy



Original Color

53.8069, 57.7087, 86.9002

Protanomaly

55.6120, 57.6308, 85.2836

Deuteranomaly

56.8203, 57.5207, 87.4647

Tritanomaly

52.4713, 57.5024, 81.0066

Monochromacy



Original Color

53.8069, 57.7087, 86.9002

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3984, 56.8305, 69.7830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8069, 57.7087, 86.9002 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, 203, 235)` looks like.

```
.text, #text, p{  
    color:rgb(174, 203, 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(174, 203, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 203, 235) }
```

Border

The CSS property to change the border of an element to XYZ 53.8069, 57.7087, 86.9002 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, 203, 235) }
```

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

```
.border{ border-color:rgb(174, 203, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 203, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 203, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 203, 235);  
box-shadow:4px 4px 4px 4px rgb(174, 203,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8069, 57.7087, 86.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 203, 235) }
```

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

```
.background{ background-color: rgb(174,  
203, 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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