

Converting Colors

XYZ(55.1092, 53.2869, 86.0020)

Have a look what the booklet for
XYZ(55.1092, 53.2869, 86.0020)
contains.

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Color

**XYZ(55.2268, 53.4339,
86.0003)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BCEB
RGB	194, 188, 235
RGB Percent	76%, 74%, 92%
CMY	0.2392, 0.2627, 0.0784
CMYK	0.17, 0.20, 0.00, 0.08
HSL	248°, 54%, 83%
HSV	248°, 20%, 92%
XYZ	55.2268, 53.4339, 86.0003
YIQ	195.1520, -11.5110, 15.8890

Conversions

Conversions Part 2

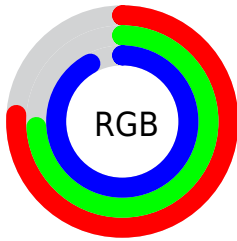
Format	Color
RYB	194, 188, 235
Decimal	12762347
CIELab	78.13, 11.49, -22.58
CIElCh	78, 25.337, 296.976
Yxy	53.4339, 0.2837, 0.2745
Android (android.graphics.Color)	4290952427 (0xFFC2BCEB)
YUV	195.1520, 19.6451, -1.0103
Hunter-Lab	73.0985, 6.9365, -18.5857

Details

The XYZ color **55.2268, 53.4339, 86.0003** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.1001, 79.7068, 59.2168**, and the grayscale version is **51.8552, 54.5557, 59.4112**.

A 20% lighter version of the original color is **90.1843, 92.4306, 107.6954**, and **27.6159, 26.1581, 46.2413** is the 20% darker color. If you saturate the color by 10%, you get **45.7062, 41.6715, 84.2326**, and if you desaturate by 10%, it is **66.2940, 67.2097, 88.0769**.

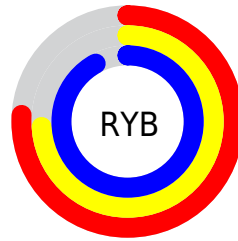
Distribution



Red (76%)

Green (74%)

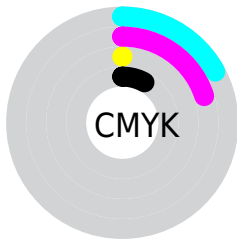
Blue (92%)



Red (76%)

Yellow (74%)

Blue (92%)

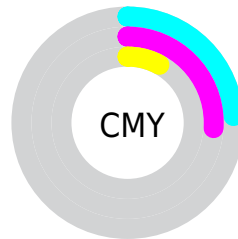


Cyan (17%)

Magenta (20%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (26%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2268, 53.4339, 86.0003 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 55.2268, 53.4339, 86.0003 by changing the saturation by 10% instead.

■ 55.2268, 53.4339,
86.0003

■ 55.2268, 53.4339,
86.0003

396.8935,
399.9476, 535.1629

■ 39.8179, 38.1493,
64.1133

■ 97.0196, 95.2425,
143.6565

■ 27.5802, 26.0986,
46.2957

124.1341,
122.5353, 180.2627

■ 18.1483, 16.8974,
32.1289

155.8813,
154.5996, 222.6125

■ 11.1568, 10.1614,
21.1943

192.6264,
191.8198, 271.1243

■ 6.2405, 5.5061,
13.0735

234.7348,
234.5804, 326.2167

■ 3.0339, 2.5471,
7.3479

282.5719,

■ 1.1717, 0.9002,

283.2656, 388.3082

3.5989

336.5030,
338.2598, 457.8174

■ 0.0839, 0.0000,
1.4080

■ 0.0000, 0.0000,
0.1479

■ 55.2268, 53.4339,
86.0003

■ 55.2268, 53.4339,
86.0003

■ 45.7062, 41.6715,
84.2326

■ 66.2940, 67.2097,
88.0769

■ 37.6582, 31.8216,
82.7555

■ 78.9674, 83.0802,
90.4722

■ 31.0100, 23.7845,
81.5546

■ 91.9956, 98.7782,
92.8156

■ 25.6807, 17.4490,
80.6126

■ 21.5812, 12.6914,
79.9104

■ 18.6107, 9.3711,
79.4261

■ 16.6522, 7.3220,
79.1338

■ 15.5310, 6.2743,
78.9906

■ 15.5308, 6.2742,
78.9906

Harmonies

Analogous

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



50.2871, 53.4339, 89.8546



55.2268, 53.4339, 86.0003



59.1898, 53.4339, 74.3303

Triad

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



55.2268, 53.4339, 86.0003



56.1512, 53.4339, 38.1935



41.8661, 53.4339, 56.7549

Complementary

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



55.2268, 53.4339, 86.0003



71.1001, 79.7068, 59.2168

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.



43.2202, 53.4339, 44.5576



55.2268, 53.4339, 86.0003



51.2909, 53.4339, 34.9909

Square

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



55.2268, 53.4339, 86.0003



59.7474, 53.4339, 46.6743



46.5924, 53.4339, 37.1181



42.7711, 53.4339, 71.4374

Rectangle

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



55.2268, 53.4339, 86.0003



60.6327, 53.4339, 64.5397



46.5924, 53.4339, 37.1181



42.0700, 53.4339, 52.2532

Sweetspot

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



55.2285, 53.4361, 86.0015



85.6207, 88.1796, 107.1154



63.8985, 73.0159, 89.3238



18.1159, 18.6108, 22.8874



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.



55.2285, 53.4361, 86.0015



61.5494, 58.2170, 102.6007



61.5907, 56.7159, 86.2992



14.4099, 14.6410, 18.9888



8.7015, 3.5217, 43.9641



0.7409, 0.3062, 3.4549

Inverse Universe

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



66.3886, 59.2878, 82.0752



77.3049, 66.4817, 96.9061



64.2453, 76.1730, 58.8960



15.6272, 15.2788, 18.5884



25.2343, 12.2964, 33.3646



2.0046, 0.9748, 2.7418

Previews

White Background



This preview shows how the XYZ color 55.2268, 53.4339, 86.0003 looks on a white background.

Color Contrast Check

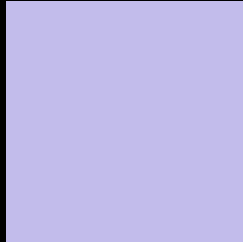
Large Text (above 18pt) WCAG AA × Fail

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 55.2268, 53.4339, 86.0003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

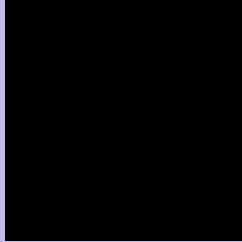
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2268, 53.4339, 86.0003

Background



This preview shows how black text looks on a background with the XYZ color 55.2268, 53.4339, 86.0003.



This preview shows how white text looks on a background with the XYZ color 55.2268, 53.4339,

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

55.2268, 53.4339, 86.0003

Protanopia

53.4453, 53.4433, 87.6195

Deuteranopia

54.6788, 53.4697, 86.0361



Tritanopia

51.4414, 53.5128, 67.2923

Trichromacy



Original Color

55.2268, 53.4339, 86.0003

Protanomaly

54.0473, 53.4478, 86.8247

Deuteranomaly

54.9312, 53.5998, 86.0479

Tritanomaly

52.7715, 53.3999, 73.8555

Monochromacy



Original Color

55.2268, 53.4339, 86.0003

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.9882, 53.9545, 68.5943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2268, 53.4339, 86.0003 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(194, 188, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 188, 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(194, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 235) }
```

Border

The CSS property to change the border of an element to XYZ 55.2268, 53.4339, 86.0003 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(194, 188, 235) }
```


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

```
.border{ border-color:rgb(194, 188, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 188, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 188, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 188, 235);  
box-shadow:4px 4px 4px 4px rgb(194, 188,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2268, 53.4339, 86.0003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 188, 235) }
```

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

```
.background{ background-color: rgb(194,  
188, 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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