

Converting Colors

XYZ(55.7317, 54.2654, 89.1982)

Have a look what the booklet for
XYZ(55.7317, 54.2654, 89.1982)
contains.

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Color

**XYZ(55.7317, 54.2654,
89.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BEEF
RGB	192, 190, 239
RGB Percent	75%, 75%, 94%
CMY	0.2470, 0.2549, 0.0627
CMYK	0.20, 0.21, 0.00, 0.06
HSL	242°, 60%, 84%
HSV	242°, 21%, 94%
XYZ	55.7317, 54.2654, 89.1982
YIQ	196.1840, -14.5370, 15.6630

Conversions

Conversions Part 2

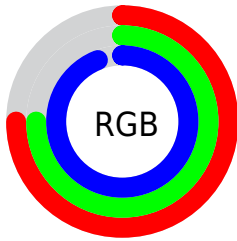
Format	Color
R_{YB}	192, 190, 239
Decimal	12631791
CIE _{Lab}	78.62, 10.67, -24.01
CIE _{LCh}	79, 26.270, 293.958
Yxy	54.2654, 0.2798, 0.2724
Android (android.graphics.Color)	4290821871 (0xFFC0BEEF)
YUV	196.1840, 21.1083, -3.6694
Hunter-Lab	73.6651, 6.1313, -20.2265

Details

The XYZ color **55.7317, 54.2654, 89.1982** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.0875, 83.4565, 60.8688**, and the grayscale version is **52.4647, 55.1970, 60.1095**.

A 20% lighter version of the original color is **90.0727, 93.2713, 107.8636**, and **27.9741, 26.7135, 48.4816** is the 20% darker color. If you saturate the color by 10%, you get **45.6141, 41.9859, 87.3622**, and if you desaturate by 10%, it is **67.6057, 68.7129, 91.3619**.

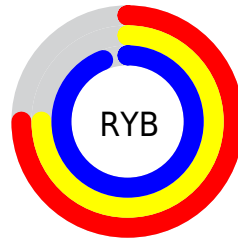
Distribution



Red (75%)

Green (75%)

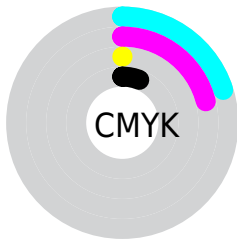
Blue (94%)



Red (75%)

Yellow (75%)

Blue (94%)

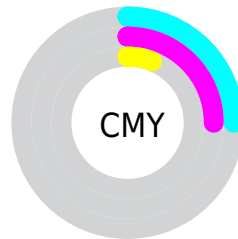


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7317, 54.2654, 89.1982 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 55.7317, 54.2654, 89.1982 by changing the saturation by 10% instead.

■ 55.7317, 54.2654,
89.1982

■ 55.7317, 54.2654,
89.1982

398.7710,
403.1213, 545.9218

■ 40.2240, 38.8139,
66.7459

■ 97.7543, 96.4638,
148.1499

■ 27.8982, 26.6150,
48.4178

124.9999,
123.9795, 185.4864

■ 18.3890, 17.2843,
33.7956

156.8888,
156.2854, 228.6213

■ 11.3310, 10.4374,
22.4605

193.7864,
193.7658, 277.9733

■ 6.3589, 5.6899,
13.9941

236.0581,
236.8052, 333.9607

■ 3.1072, 2.6575,
7.9779

284.0692,

■ 1.2107, 0.9556,

285.7880, 397.0023

3.9932

338.1851,
341.0986, 467.5165

■ 0.1148, 0.0000,
1.6216

■ 0.0000, 0.0000,
0.3062

■ 55.7317, 54.2654,
89.1982

■ 55.7317, 54.2654,
89.1982

■ 45.6141, 41.9859,
87.3622

■ 67.6057, 68.7129,
91.3619

■ 37.1646, 31.7638,
85.8344

■ 81.3084, 85.4191,
93.8643

■ 30.2953, 23.4883,
84.5992

■ 92.5801, 99.0121,
95.8939

■ 24.9078, 17.0360,
83.6377

■ 20.8930, 12.2691,
82.9292

■ 18.1265, 9.0303,
82.4499

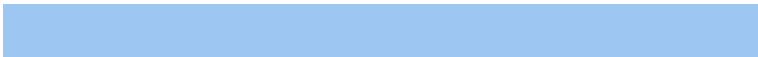
■ 16.4617, 7.1327,
82.1713

■ 15.7022, 6.2950,
82.0496

Harmonies

Analogous

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



50.5357, 54.2654, 92.2604



55.7317, 54.2654, 89.1982



60.0639, 54.2654, 77.5224

Triad

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



55.7317, 54.2654, 89.1982



57.6670, 54.2654, 38.8799



42.2874, 54.2654, 56.1319

Complementary

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



55.7317, 54.2654, 89.1982



75.0875, 83.4565, 60.8688

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.



43.9309, 54.2654, 43.8318



55.7317, 54.2654, 89.1982



52.6338, 54.2654, 35.0028

Square

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



55.7317, 54.2654, 89.1982



61.2326, 54.2654, 48.2361



47.6353, 54.2654, 36.6509



42.9950, 54.2654, 71.4514

Rectangle

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



55.7317, 54.2654, 89.1982



61.7617, 54.2654, 67.3301



47.6353, 54.2654, 36.6509



42.5795, 54.2654, 51.5436

Sweetspot

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



55.7334, 54.2676, 89.1994



85.1671, 87.9457, 107.0942



67.2072, 77.9614, 93.1680



18.0092, 18.5557, 22.8824



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.



55.7334, 54.2676, 89.1994



58.9451, 56.0403, 102.3179



62.3536, 57.6804, 89.5092



14.9569, 15.2595, 19.8787



8.7036, 3.4923, 45.3432



0.7449, 0.3013, 3.7731

Inverse Universe

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



69.2978, 61.2942, 88.3014



77.5595, 65.6844, 101.0185



67.5643, 79.5781, 60.5167



16.4248, 16.0196, 19.7931



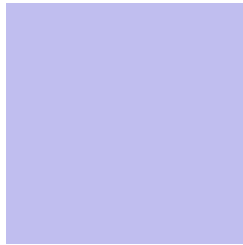
27.5190, 13.2800, 42.2450



2.2979, 1.1082, 3.5597

Previews

White Background



This preview shows how the XYZ color 55.7317, 54.2654, 89.1982 looks on a white background.

Color Contrast Check

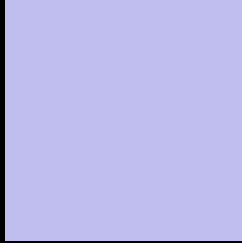
Large Text (above 18pt) WCAG AA × Fail

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 55.7317, 54.2654, 89.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

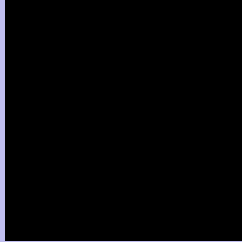
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7317, 54.2654, 89.1982

Background



This preview shows how black text looks on a background with the XYZ color 55.7317, 54.2654, 89.1982.



This preview shows how white text looks on a background with the XYZ color 55.7317, 54.2654,

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

55.7317, 54.2654, 89.1982

Protanopia

54.4756, 54.5581, 90.8787

Deuteranopia

55.4793, 54.1353, 89.1864



Tritanopia

51.7665, 54.2982, 69.3802

Trichromacy



Original Color

55.7317, 54.2654, 89.1982

Protanomaly

54.8275, 54.4296, 90.0543

Deuteranomaly

55.4793, 54.1353, 89.1864

Tritanomaly

53.1074, 54.1792, 76.0652

Monochromacy



Original Color

55.7317, 54.2654, 89.1982

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.6811, 54.9391, 70.0624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7317, 54.2654, 89.1982 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(192, 190, 239)` looks like.

```
.text, #text, p{  
    color:rgb(192, 190, 239)  
}
```

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(192, 190, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 190, 239) }
```

Border

The CSS property to change the border of an element to XYZ 55.7317, 54.2654, 89.1982 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(192, 190, 239) }
```


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

```
.border{ border-color:rgb(192, 190, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 190, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 190, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 190, 239);  
box-shadow:4px 4px 4px 4px rgb(192, 190,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7317, 54.2654, 89.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 190, 239) }
```

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

```
.background{ background-color: rgb(192,  
190, 239) }
```

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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