

Converting Colors

XYZ(54.5677, 35.1017, 85.2270)

Have a look what the booklet for
XYZ(54.5677, 35.1017, 85.2270)
contains.

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Color

**XYZ(54.7638, 35.1981,
85.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	E871EF
RGB	232, 113, 239
RGB Percent	91%, 44%, 94%
CMY	0.0902, 0.5568, 0.0627
CMYK	0.03, 0.53, 0.00, 0.06
HSL	297°, 80%, 69%
HSV	297°, 53%, 94%
XYZ	54.7638, 35.1981, 85.5689
YIQ	162.9450, 30.4780, 64.4140

Conversions

Conversions Part 2

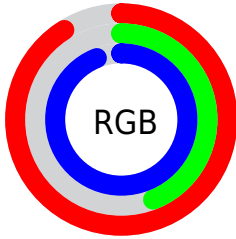
Format	Color
R _Y B	232, 113, 239
Decimal	15233519
CIE Lab	65.90, 63.03, -43.35
CIE LCh	66, 76.501, 325.479
Yxy	35.1981, 0.3120, 0.2005
Android (android.graphics.Color)	4293423599 (0xFFE871EF)
YUV	162.9450, 37.4951, 60.5612
Hunter-Lab	59.3280, 60.9438, -43.9845

Details

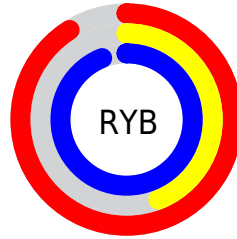
The XYZ color **54.7638, 35.1981, 85.5689** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **41.5941, 66.9192, 26.3490**, and the grayscale version is **34.6069, 36.4091, 39.6496**.

A 20% lighter version of the original color is **73.4780, 56.8559, 101.7093**, and **27.3132, 15.2044, 45.7511** is the 20% darker color. If you saturate the color by 10%, you get **52.0111, 30.3291, 84.7747**, and if you desaturate by 10%, it is **58.2242, 41.4757, 86.5987**.

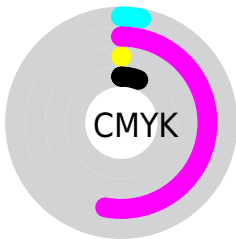
Distribution



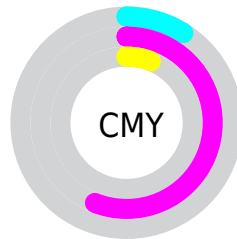
- Red (91%)
- Green (44%)
- Blue (94%)



- Red (91%)
- Yellow (44%)
- Blue (94%)



- Cyan (3%)
- Magenta (53%)
- Yellow (0%)
- Black (6%)





- Cyan (9%)
- Magenta (56%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7638, 35.1981, 85.5689 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 54.7638, 35.1981, 85.5689 by changing the saturation by 10% instead.


 54.7638, 35.1981,
85.5689


 54.7638, 35.1981,
85.5689


395.1669,
325.4419, 533.7023


 39.4457, 23.8155,
63.7587

 96.3451, 67.7925,
143.0490

 27.2889, 15.1968,
46.0103


 123.3391, 89.7732,
179.5559

 17.9281, 8.9576,
31.9052


 154.9558,
116.0553, 221.7988

 10.9977, 4.7136,
21.0249

191.5605,
147.0233, 270.1963

 6.1326, 2.0802,
12.9508

233.5186,
183.0616, 325.1668

 2.9673, 0.6535,
7.2643

281.1955,

 1.1365, 0.0000,

224.5545, 387.1290

3.5470

334.9565,
271.8864, 456.5013

■ 0.0553, 0.0000,
1.3803

■ 0.0000, 0.0000,
0.1263

■ 54.7638, 35.1981,
85.5689

■ 54.7638, 35.1981,
85.5689

■ 52.0111, 30.3291,
84.7747

■ 58.2242, 41.4757,
86.5987

■ 49.9059, 26.7513,
84.1950


■ 62.4388, 49.2578,
87.8787


■ 48.3844, 24.3361,
83.8091


■ 67.4546, 58.6373,
89.4248


■ 47.3680, 22.9263,
83.5905

■ 73.3134, 69.6983,
91.2509


 46.8576, 22.3562,
83.5074

 80.0545, 82.5188,
93.3703

 87.2643, 96.2716,
95.6448

 87.7166, 96.5048,
95.6660

 88.1722, 96.7397,
95.6873

 88.6312, 96.9763,
95.7088

Harmonies

Analogous

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



43.7100, 35.1981, 126.5357



54.7638, 35.1981, 85.5689



60.1568, 35.1981, 43.4468

Triad

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



54.7638, 35.1981, 85.5689



35.1984, 35.1981, 3.7289



17.4115, 35.1981, 71.8493

Complementary

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



54.7638, 35.1981, 85.5689



41.5941, 66.9192, 26.3490

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.



16.1200, 35.1981, 33.6220



54.7638, 35.1981, 85.5689



24.9438, 35.1981, 5.1121

Square

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



54.7638, 35.1981, 85.5689



47.3554, 35.1981, 6.5038



18.5444, 35.1981, 12.7544



22.5812, 35.1981, 115.9593

Rectangle

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



54.7638, 35.1981, 85.5689



59.0966, 35.1981, 23.9887



18.5444, 35.1981, 12.7544



16.5674, 35.1981, 57.4679

Sweetspot

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



54.7651, 35.1997, 85.5696



82.5583, 76.2471, 104.9736



29.2777, 23.5167, 84.6579



17.3680, 15.7480, 22.3742



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.



54.7651, 35.1997, 85.5696



60.1165, 34.8943, 98.1745



50.1966, 33.6400, 49.4167



16.3625, 15.9841, 19.9444



25.9322, 12.3739, 46.1495



2.1836, 1.0429, 3.8404

Inverse Universe

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



44.8931, 31.5186, 21.4885



47.7359, 30.3126, 16.2392



44.7085, 68.0569, 47.6324



15.8084, 15.7731, 16.5472



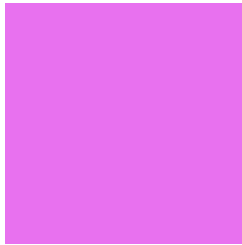
19.7273, 10.1634, 1.2149



1.6536, 0.8505, 0.1665

Previews

White Background



This preview shows how the XYZ color 54.7638, 35.1981, 85.5689 looks on a white background.

Color Contrast Check

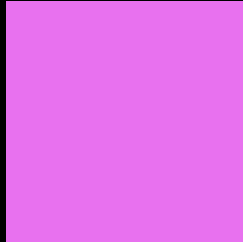
Large Text (above 18pt) WCAG AA × Fail

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 54.7638, 35.1981, 85.5689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

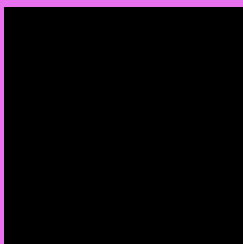
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7638, 35.1981, 85.5689

Background



This preview shows how black text looks on a background with the XYZ color 54.7638, 35.1981, 85.5689.



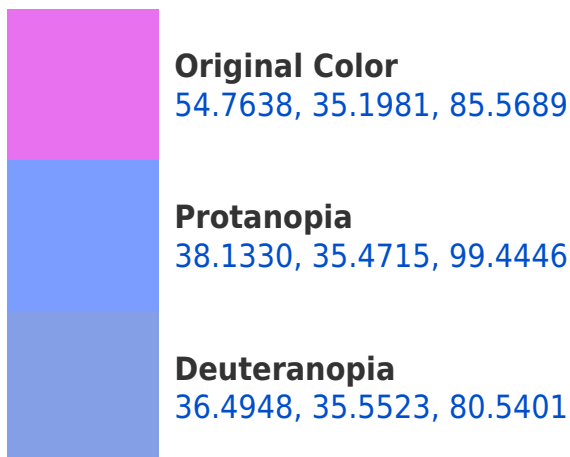
This preview shows how white text looks on a background with the XYZ color 54.7638, 35.1981,

85.5689.

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





Tritanopia

43.5077, 34.8993, 31.6373

Trichromacy



Original Color

54.7638, 35.1981, 85.5689



Protanomaly

41.5241, 33.5707, 93.9138



Deuteranomaly

40.8865, 33.7215, 82.1959



Tritanomaly

46.6979, 34.5809, 47.3936

Monochromacy



Original Color

54.7638, 35.1981, 85.5689



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

40.2684, 34.7038, 53.8663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7638, 35.1981, 85.5689 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(232, 113, 239)` looks like.

```
.text, #text, p{  
    color:rgb(232, 113, 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(232, 113, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 113, 239) }
```

Border

The CSS property to change the border of an element to XYZ 54.7638, 35.1981, 85.5689 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(232, 113, 239) }
```


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

```
.border{ border-color:rgb(232, 113, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 113, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 113, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 113, 239);  
box-shadow:4px 4px 4px 4px rgb(232, 113,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7638, 35.1981, 85.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 113, 239) }
```

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

```
.background{ background-color: rgb(232,  
113, 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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