

Converting Colors

XYZ(54.1111, 35.4855, 80.3732)

Have a look what the booklet for
XYZ(54.1111, 35.4855, 80.3732)
contains.

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Color

**XYZ(54.0896, 35.4728,
80.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	E874E8
RGB	232, 116, 232
RGB Percent	91%, 45%, 91%
CMY	0.0902, 0.5451, 0.0902
CMYK	0.00, 0.50, 0.00, 0.09
HSL	300°, 72%, 68%
HSV	300°, 50%, 91%
XYZ	54.0896, 35.4728, 80.3400
YIQ	163.9080, 31.9000, 60.6680

Conversions

Conversions Part 2

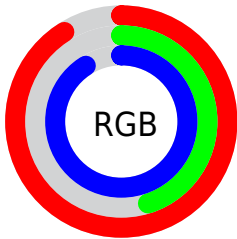
Format	Color
R _Y B	232, 116, 232
Decimal	15234280
CIE _{Lab}	66.12, 60.40, -39.15
CIE _{LCh}	66, 71.978, 327.051
Y _{xy}	35.4728, 0.3184, 0.2088
Android (android.graphics.Color)	4293424360 (0xFFE874E8)
Y _{UV}	163.9080, 33.5694, 59.7167
Hunter-Lab	59.5590, 57.8796, -38.2857

Details

The XYZ color **54.0896, 35.4728, 80.3400** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **39.2130, 62.6886, 26.5584**, and the grayscale version is **35.0790, 36.9059, 40.1905**.

A 20% lighter version of the original color is **74.0425, 57.9850, 101.8975**, and **26.9079, 15.3650, 42.6218** is the 20% darker color. If you saturate the color by 10%, you get **51.7421, 30.7769, 79.5577**, and if you desaturate by 10%, it is **57.1073, 41.5072, 81.3463**.

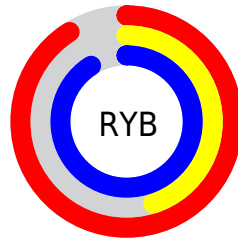
Distribution



Red (91%)

Green (45%)

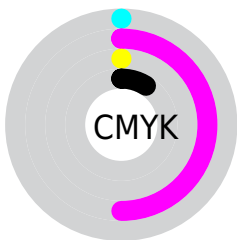
Blue (91%)



Red (91%)

Yellow (45%)

Blue (91%)

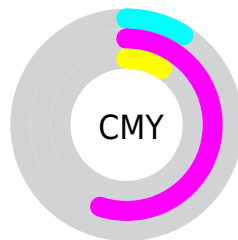


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (9%)



Cyan (9%)


Magenta (55%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0896, 35.4728, 80.3400 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 54.0896, 35.4728, 80.3400 by changing the saturation by 10% instead.


 54.0896, 35.4728,
80.3400


 54.0896, 35.4728,
80.3400


392.6444,
326.6503, 515.8149


 38.9043, 24.0273,
59.4704

 95.3619, 68.2176,
135.6594

 26.8656, 15.3539,
42.5694


 122.1796, 90.2856,
170.9462

 17.6084, 9.0681,
29.2185


 153.6054,
116.6633, 211.8758

 10.7672, 4.7856,
18.9992

190.0048,
147.7351, 258.8667

 5.9766, 2.1220,
11.4929

231.7430,
183.8853, 312.3376

 2.8714, 0.6770,
6.2811

279.1854,

 1.0861, 0.0000,

225.4983, 372.7069

2.9452

332.6974,
272.9585, 440.3931

■ 0.0135, 0.0000,
1.0667

■ 0.0000, 0.0000,
0.0000

■ 54.0896, 35.4728,
80.3400

■ 54.0896, 35.4728,
80.3400

■ 51.7421, 30.7769,
79.5577

■ 57.1073, 41.5072,
81.3463

■ 50.0103, 27.3134,
78.9803


■ 60.8368, 48.9663,
82.5897


■ 48.8376, 24.9681,
78.5893


■ 65.3209, 57.9344,
84.0845


■ 48.1552, 23.6032,
78.3617


■ 70.5979, 68.4883,
85.8436


 47.8447, 22.9823,
78.2581


 76.7034, 80.6992,
87.8789

 47.8447, 22.9822,
78.2580

 83.6049, 94.5024,
90.1796

 83.6050, 94.5024,
90.1797

 83.6050, 94.5024,
90.1798

 83.6050, 94.5024,
90.1800

Harmonies

Analogous

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



43.9621, 35.4728, 118.4279



54.0896, 35.4728, 80.3400



58.7120, 35.4728, 41.7346

Triad

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



54.0896, 35.4728, 80.3400



34.7852, 35.4728, 4.6077



18.5143, 35.4728, 72.0859

Complementary

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



54.0896, 35.4728, 80.3400



39.2130, 62.6886, 26.5584

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.



17.0633, 35.4728, 35.6716



54.0896, 35.4728, 80.3400



25.1998, 35.4728, 6.3291

Square

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



54.0896, 35.4728, 80.3400



46.1863, 35.4728, 7.2808



19.2331, 35.4728, 14.6267



23.7201, 35.4728, 112.1456

Rectangle

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



54.0896, 35.4728, 80.3400



57.4519, 35.4728, 23.7976



19.2331, 35.4728, 14.6267



17.6263, 35.4728, 58.5999

Sweetspot

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



54.0908, 35.4744, 80.3407



84.0384, 77.9769, 105.2292



28.0150, 22.0318, 79.1211



17.6963, 16.1076, 22.4263



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.



54.0908, 35.4744, 80.3407



64.0412, 37.9827, 98.5628



47.1656, 32.7043, 43.8729



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Inverse Universe

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



54.0908, 35.4744, 80.3407



64.0412, 37.9827, 98.5628



43.7006, 64.4836, 50.1896



14.9952, 14.6153, 18.1750



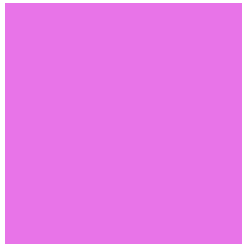
26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 54.0896, 35.4728, 80.3400 looks on a white background.

Color Contrast Check

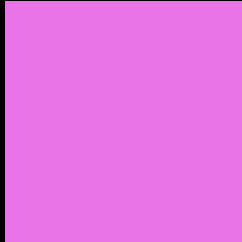
Large Text (above 18pt) WCAG AA × Fail

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 54.0896, 35.4728, 80.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

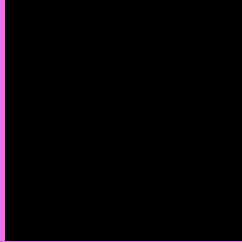
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0896, 35.4728, 80.3400

Background



This preview shows how black text looks on a background with the XYZ color 54.0896, 35.4728, 80.3400.

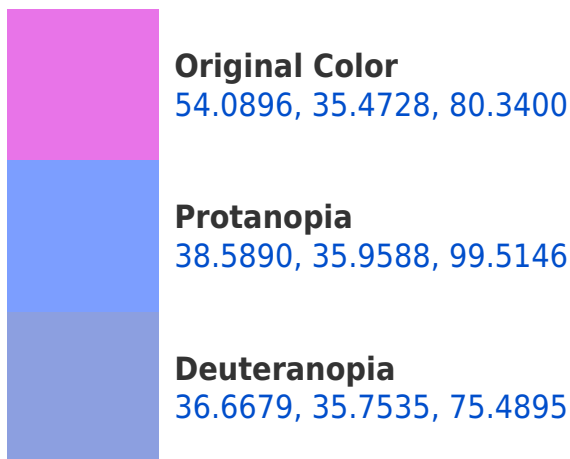


This preview shows how white text looks on a background with the XYZ color 54.0896, 35.4728,

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

44.0309, 35.3701, 32.1102

Trichromacy



Original Color

54.0896, 35.4728, 80.3400



Protanomaly

41.7152, 34.1469, 92.3881



Deuteranomaly

40.9212, 34.0752, 77.0934



Tritanomaly

46.9375, 34.9224, 46.3863

Monochromacy



Original Color

54.0896, 35.4728, 80.3400



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

40.6053, 35.3604, 52.8292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0896, 35.4728, 80.3400 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, 116, 232)` looks like.

```
.text, #text, p{  
    color:rgb(232, 116, 232)  
}
```

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, 116, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 116, 232) }
```

Border

The CSS property to change the border of an element to XYZ 54.0896, 35.4728, 80.3400 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, 116, 232) }
```


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

```
.border{ border-color:rgb(232, 116, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 116, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 116, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 116, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 116,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0896, 35.4728, 80.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 116, 232) }
```

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

```
.background{ background-color: rgb(232,  
116, 232) }
```

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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