

Converting Colors

XYZ(54.6132, 36.4916, 82.4713)

Have a look what the booklet for
XYZ(54.6132, 36.4916, 82.4713)
contains.

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Color

**XYZ(54.7878, 36.6618,
82.7861)**

Conversions

Conversions Part 1

Format	Color
Hex	E779EB
RGB	231, 121, 235
RGB Percent	91%, 47%, 92%
CMY	0.0941, 0.5255, 0.0784
CMYK	0.02, 0.49, 0.00, 0.08
HSL	298°, 74%, 70%
HSV	298°, 49%, 92%
XYZ	54.7878, 36.6618, 82.7861
YIQ	166.8860, 28.9660, 58.7740

Conversions

Conversions Part 2

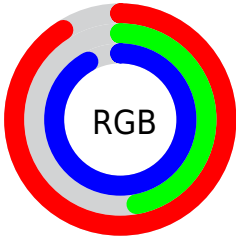
Format	Color
R _Y B	231, 121, 235
Decimal	15170027
CIE Lab	67.02, 58.26, -39.40
CIE LCh	67, 70.335, 325.933
Yxy	36.6618, 0.3144, 0.2104
Android (android.graphics.Color)	4293360107 (0xFFE779EB)
YUV	166.8860, 33.5802, 56.2280
Hunter-Lab	60.5490, 55.5551, -38.6804

Details

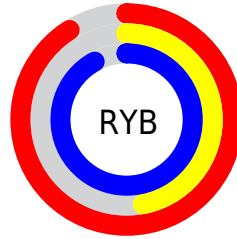
The XYZ color **54.7878, 36.6618, 82.7861** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **41.6181, 65.1580, 28.4741**, and the grayscale version is **36.5083, 38.4096, 41.8280**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **27.3185, 16.0353, 44.3031** is the 20% darker color. If you saturate the color by 10%, you get **52.0071, 31.4936, 81.9356**, and if you desaturate by 10%, it is **58.2678, 43.2248, 83.8700**.

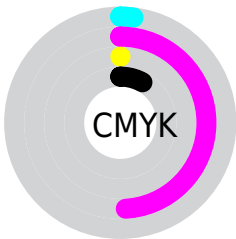
Distribution



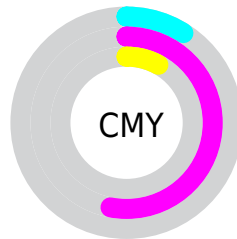
- Red (91%)
- Green (47%)
- Blue (92%)



- Red (91%)
- Yellow (47%)
- Blue (92%)



- Cyan (2%)
- Magenta (49%)
- Yellow (0%)
- Black (8%)





- Cyan (9%)
- Magenta (53%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7878, 36.6618, 82.7861 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 54.7878, 36.6618, 82.7861 by changing the saturation by 10% instead.


 54.7878, 36.6618,
82.7861

 54.7878, 36.6618,
82.7861

395.2566,
331.8440, 524.2257


 39.4650, 24.9457,
61.4741

 96.3801, 70.0523,
139.1224

 27.3040, 16.0366,
44.1749


 123.3804, 92.4956,
174.9838

 17.9395, 9.5501,
30.4698


 155.0038,
119.2834, 216.5321

 11.0060, 5.1017,
19.9404

191.6158,
150.8001, 264.1858

 6.1382, 2.3070,
12.1681

233.5818,
187.4301, 318.3634

 2.9707, 0.7774,
6.7343

281.2669,

 1.1383, 0.0000,

229.5578, 379.4836

3.2206

335.0368,
277.5676, 447.9649

■ 0.0568, 0.0000,
1.2083

■ 0.0000, 0.0000,
0.0000

■ 54.7878, 36.6618,
82.7861

■ 54.7878, 36.6618,
82.7861

■ 52.0071, 31.4936,
81.9356

■ 58.2678, 43.2248,
83.8700

■ 49.8705, 27.6126,
81.2991


■ 62.4894, 51.2703,
85.2004


■ 48.3207, 24.9034,
80.8579


■ 67.4963, 60.8843,
86.7922


■ 47.2887, 23.2279,
80.5889


■ 73.3274, 72.1450,
88.6584


 46.6742, 22.3857,
80.4587


 80.0192, 85.1253,
90.8112

 46.5974, 22.2896,
80.4442

 85.3303, 95.3422,
92.5033

 85.6046, 95.4836,
92.5162

 85.8802, 95.6256,
92.5290

 86.1570, 95.7683,
92.5420

Harmonies

Analogous

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



44.6256, 36.6618, 119.6658



54.7878, 36.6618, 82.7861



59.6213, 36.6618, 44.2395

Triad

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



54.7878, 36.6618, 82.7861



36.3237, 36.6618, 5.2912



19.4419, 36.6618, 71.5772

Complementary

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



54.7878, 36.6618, 82.7861



41.6181, 65.1580, 28.4741

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.



18.1066, 36.6618, 35.8884



54.7878, 36.6618, 82.7861



26.6109, 36.6618, 6.9396

Square

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



54.7878, 36.6618, 82.7861



47.6691, 36.6618, 8.3226



20.4464, 36.6618, 15.1965



24.5571, 36.6618, 111.1963

Rectangle

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



54.7878, 36.6618, 82.7861



58.5725, 36.6618, 25.8463



20.4464, 36.6618, 15.1965



18.5875, 36.6618, 58.3481

Sweetspot

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



54.7891, 36.6634, 82.7869



83.5465, 77.7233, 105.2065



30.4327, 25.1662, 81.8514



17.5763, 16.0457, 22.4207



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.



54.7891, 36.6634, 82.7869



62.6750, 38.0455, 98.6479



49.7198, 34.7865, 49.2781



15.6595, 15.2853, 19.0473



25.9573, 12.4174, 44.7717



2.0547, 0.9835, 3.5164

Inverse Universe

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



44.8011, 32.8191, 23.3769



49.4488, 32.9725, 19.1716



45.0700, 66.4726, 49.6376



15.0869, 15.0626, 15.7428



19.1026, 9.8437, 1.0756



1.5076, 0.7760, 0.1243

Previews

White Background



This preview shows how the XYZ color 54.7878, 36.6618, 82.7861 looks on a white background.

Color Contrast Check

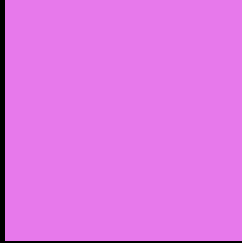
Large Text (above 18pt) WCAG AA × Fail

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 54.7878, 36.6618, 82.7861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

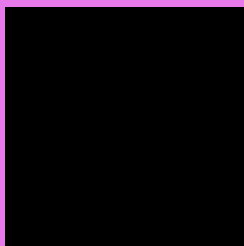
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7878, 36.6618, 82.7861

Background



This preview shows how black text looks on a background with the XYZ color 54.7878, 36.6618, 82.7861.

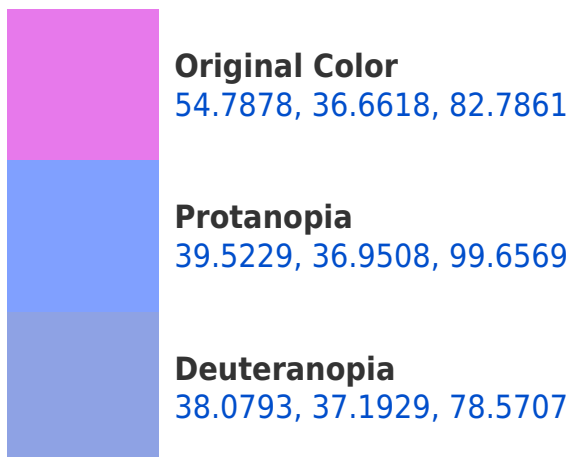


This preview shows how white text looks on a background with the XYZ color 54.7878, 36.6618,

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

44.6260, 36.4998, 33.9713

Trichromacy



Original Color

54.7878, 36.6618, 82.7861



Protanomaly

42.7392, 35.3344, 93.3746



Deuteranomaly

42.3131, 35.6356, 80.2495



Tritanomaly

47.7091, 36.2749, 48.7432

Monochromacy



Original Color

54.7878, 36.6618, 82.7861



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

41.6560, 36.5656, 54.7315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7878, 36.6618, 82.7861 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(231, 121, 235)` looks like.

```
.text, #text, p{  
    color:rgb(231, 121, 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(231, 121, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 121, 235) }
```

Border

The CSS property to change the border of an element to XYZ 54.7878, 36.6618, 82.7861 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(231, 121, 235) }
```


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

```
.border{ border-color:rgb(231, 121, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 121, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 121, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 121, 235);  
box-shadow:4px 4px 4px 4px rgb(231, 121,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7878, 36.6618, 82.7861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 121, 235) }
```

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

```
.background{ background-color: rgb(231,  
121, 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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