

Converting Colors

XYZ(56.4912, 32.5704, 81.9066)

Have a look what the booklet for
XYZ(56.4912, 32.5704, 81.9066)
contains.

XYZ(56.4912, 32.5704, 81.9066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4912, 32.5704,
81.9066)**

Conversions

Conversions Part 1

Format	Color
Hex	F658EB
RGB	246, 88, 235
RGB Percent	96%, 35%, 92%
CMY	0.0353, 0.6549, 0.0784
CMYK	0.00, 0.64, 0.04, 0.04
HSL	304°, 90%, 65%
HSV	304°, 64%, 96%
XYZ	56.4912, 32.5704, 81.9066
YIQ	152.0000, 46.9810, 79.2130

Conversions

Conversions Part 2

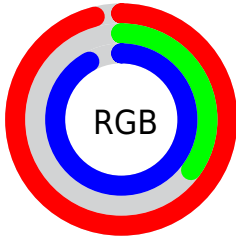
Format	Color
R _Y B	246, 88, 235
Decimal	16144619
CIE _{Lab}	63.81, 76.37, -44.29
CIE _{LCh}	64, 88.285, 329.892
Yxy	32.5704, 0.3304, 0.1905
Android (android.graphics.Color)	4294334699 (0xFFFF658EB)
YUV	152.0000, 40.9190, 82.4380
Hunter-Lab	57.0705, 76.8148, -45.1427

Details

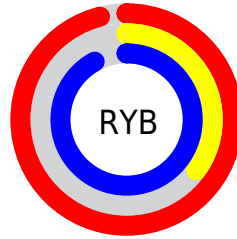
The XYZ color **56.4912, 32.5704, 81.9066** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **39.2339, 68.8886, 23.0354**, and the grayscale version is **29.6615, 31.2062, 33.9835**.

A 20% lighter version of the original color is **69.8799, 49.6598, 100.5100**, and **28.3972, 13.7155, 43.7985** is the 20% darker color. If you saturate the color by 10%, you get **54.5558, 29.0930, 80.0466**, and if you desaturate by 10%, it is **59.1122, 37.4136, 84.0075**.

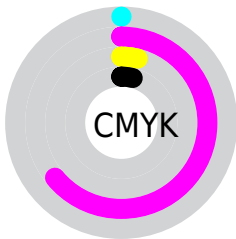
Distribution



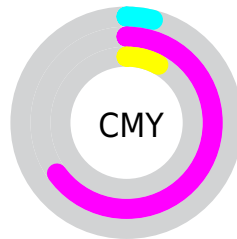
- Red (96%)
- Green (35%)
- Blue (92%)



- Red (96%)
- Yellow (35%)
- Blue (92%)



- Cyan (0%)
- Magenta (64%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (65%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4912, 32.5704, 81.9066 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 56.4912, 32.5704, 81.9066 by changing the saturation by 10% instead.


 56.4912, 32.5704,
81.9066


 56.4912, 32.5704,
81.9066

401.5851,
313.7095, 521.2105


 40.8354, 21.7975,
60.7532

 98.8581, 63.7042,
137.8785


 28.3776, 13.7082,
43.5967

 126.2998, 84.8340,
173.5341

 18.7524, 7.9180,
30.0187


 158.4010,
110.1849, 214.8608

 11.5945, 4.0425,
19.6006

 195.5269,
140.1412, 262.2772

 6.5384, 1.6974,
11.9239

238.0429,
175.0875, 316.2019

 3.2189, 0.4220,
6.5700

286.3144,

 1.2705, 0.0000,

215.4080, 377.0533

3.1203

340.7067,
261.4872, 445.2499

■ 0.1610, 0.0000,
1.1564

■ 0.0000, 0.0000,
0.0000

■ 56.4912, 32.5704,
81.9066

■ 56.4912, 32.5704,
81.9066

■ 54.5558, 29.0930,
80.0466

■ 59.1122, 37.4136,
84.0075

■ 53.2309, 26.8336,
78.4015

■ 62.4771, 43.7416,
86.3678

■ 52.4300, 25.6182,
76.9428

■ 66.6419, 51.6656,
89.0066

■ 52.1317, 25.2432,
76.1604

■ 71.6563, 61.2849,
91.9405

77.5660, 72.6908,
95.1846

84.4132, 85.9681,
98.7532

90.5537, 97.8279,
102.0982

90.8193, 97.9342,
103.4969

91.0873, 98.0414,
104.9084

Harmonies

Analogous

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



44.4188, 32.5704, 133.6603



56.4912, 32.5704, 81.9066



61.4305, 32.5704, 35.5930

Triad

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



56.4912, 32.5704, 81.9066



31.0023, 32.5704, 1.6330



14.5505, 32.5704, 81.5163

Complementary

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



56.4912, 32.5704, 81.9066



39.2339, 68.8886, 23.0354

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.



12.7168, 32.5704, 35.3346



56.4912, 32.5704, 81.9066



20.5338, 32.5704, 3.0993

Square

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



56.4912, 32.5704, 81.9066



44.5183, 32.5704, 3.1248



14.5778, 32.5704, 11.0607



20.4744, 32.5704, 133.3477

Rectangle

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



56.4912, 32.5704, 81.9066



59.2123, 32.5704, 16.9402



14.5778, 32.5704, 11.0607



13.5188, 32.5704, 64.1263

Sweetspot

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



56.4924, 32.5719, 81.9073



80.9555, 72.6725, 101.5458



25.2206, 16.2613, 88.9995



16.9421, 14.8111, 21.5217



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.



56.4924, 32.5719, 81.9073



58.7123, 30.7226, 86.3121



47.5376, 28.9900, 34.7523



17.1609, 16.7472, 20.5938



27.8473, 13.4823, 40.7655



2.4622, 1.1908, 3.6602

Inverse Universe

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



56.4924, 32.5719, 81.9073



58.7123, 30.7226, 86.3121



44.9709, 71.1833, 53.2459



17.1609, 16.7472, 20.5938



27.8473, 13.4823, 40.7655



2.4622, 1.1908, 3.6602

Previews

White Background



This preview shows how the XYZ color 56.4912, 32.5704, 81.9066 looks on a white background.

Color Contrast Check

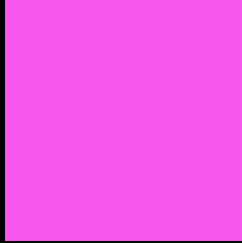
Large Text (above 18pt) WCAG AA × Fail

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 56.4912, 32.5704, 81.9066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

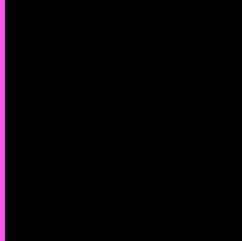
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4912, 32.5704, 81.9066

Background



This preview shows how black text looks on a background with the XYZ color 56.4912, 32.5704, 81.9066.



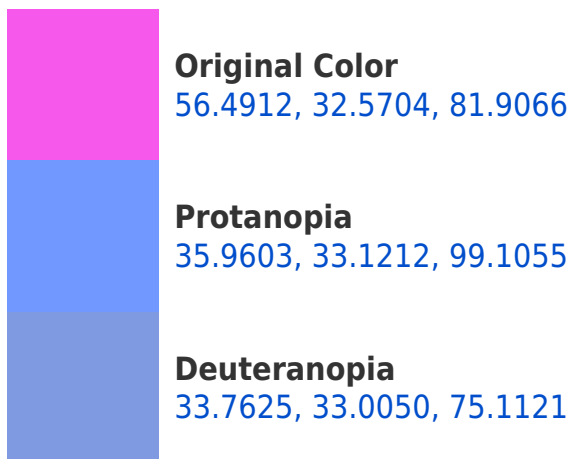
This preview shows how white text looks on a background with the XYZ color 56.4912, 32.5704,

81.9066.

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

44.4248, 32.2446, 24.3045

Trichromacy



Original Color

56.4912, 32.5704, 81.9066



Protanomaly

39.4915, 30.0549, 92.5267



Deuteranomaly

38.5638, 30.1127, 77.1786



Tritanomaly

47.5975, 31.6923, 40.1678

Monochromacy



Original Color

56.4912, 32.5704, 81.9066



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

36.5435, 29.5170, 48.0273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4912, 32.5704, 81.9066 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(246, 88, 235)` looks like.

```
.text, #text, p{  
    color:rgb(246, 88, 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(246, 88, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 88, 235) }
```

Border

The CSS property to change the border of an element to XYZ 56.4912, 32.5704, 81.9066 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(246, 88, 235) }
```


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

```
.border{ border-color:rgb(246, 88, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 88, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 88, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 88, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 88,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4912, 32.5704, 81.9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 88, 235) }
```

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

```
.background{ background-color: rgb(246, 88,  
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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