

Converting Colors

XYZ(47.8617, 25.2727, 60.0211)

Have a look what the booklet for
XYZ(47.8617, 25.2727, 60.0211)
contains.

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Color

**XYZ(47.8892, 25.3047,
60.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	EF35CD
RGB	239, 53, 205
RGB Percent	94%, 21%, 80%
CMY	0.0627, 0.7921, 0.1961
CMYK	0.00, 0.78, 0.14, 0.06
HSL	311°, 85%, 57%
HSV	311°, 78%, 94%
XYZ	47.8892, 25.3047, 60.1179
YIQ	125.9420, 62.0640, 86.7040

Conversions

Conversions Part 2

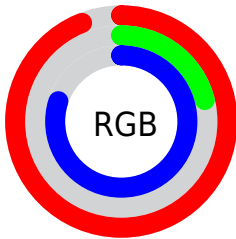
Format	Color
R _Y B	239, 53, 205
Decimal	15676877
CIE Lab	57.37, 81.61, -37.57
CIE LCh	57, 89.845, 335.278
Yxy	25.3047, 0.3592, 0.1898
Android (android.graphics.Color)	4293866957 (0xFFEF35CD)
YUV	125.9420, 38.9756, 99.1519
Hunter-Lab	50.3038, 81.9004, -35.6447

Details

The XYZ color **47.8892, 25.3047, 60.1179** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **34.0564, 63.1791, 19.4192**, and the grayscale version is **19.6706, 20.6950, 22.5369**.

A 20% lighter version of the original color is **66.0065, 41.9129, 99.2188**, and **24.0954, 11.7857, 29.8591** is the 20% darker color. If you saturate the color by 10%, you get **46.5383, 23.4348, 57.1018**, and if you desaturate by 10%, it is **49.7991, 28.2681, 63.3934**.

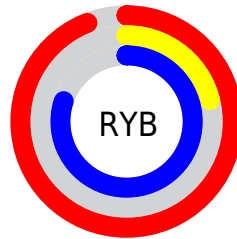
Distribution



Red (94%)

Green (21%)

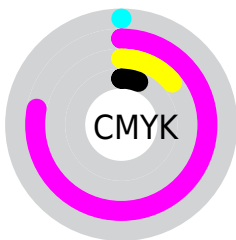
Blue (80%)



Red (94%)

Yellow (21%)

Blue (80%)

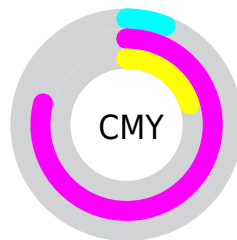


Cyan (0%)

Magenta (78%)

Yellow (14%)

Black (6%)



Cyan (6%)


Magenta (79%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8892, 25.3047, 60.1179 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 47.8892, 25.3047, 60.1179 by changing the saturation by 10% instead.


 47.8892, 25.3047,
60.1179


 47.8892, 25.3047,
60.1179

368.9427,
279.3520, 442.8489


 33.9500, 16.3042,
43.0878


 86.2501, 52.1511,
106.5457


 23.0179, 9.7397,
29.6221


 111.4026, 70.7658,
136.7805


 14.7275, 5.2267,
19.3023


 141.0235, 93.3540,
172.2539

 8.7134, 2.3809,
11.7099

 175.4782,
120.3002, 213.3844

 4.6104, 0.8160,
6.4263

 215.1322,
151.9887, 260.5906

 2.0529, 0.0000,
3.0331

260.3507,

 0.6634, 0.0000,

188.8039, 314.2911

1.1115

311.4990,
231.1302, 374.9043

■ 0.0000, 0.0000,
0.0000

■ 47.8892, 25.3047,
60.1179

■ 47.8892, 25.3047,
60.1179

■ 46.5383, 23.4348,
57.1018

■ 49.7991, 28.2681,
63.3934

■ 45.6472, 22.4615,
54.3108

■ 52.3366, 32.4635,
66.9512

■ 45.4823, 22.3051,
53.7216

■ 55.5632, 38.0129,
70.8125

■ 59.5320, 45.0228,
74.9956

■ 64.2910, 53.5888,
79.5170

69.8842, 63.7987,
84.3920

76.3522, 75.7334,
89.6346

83.7329, 89.4687,
95.2580

87.7352, 96.4222,
99.8324

Harmonies

Analogous

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



37.9389, 25.3047, 108.6338



47.8892, 25.3047, 60.1179



50.7813, 25.3047, 22.4970

Triad

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



47.8892, 25.3047, 60.1179



22.2144, 25.3047, 0.6608



10.8984, 25.3047, 77.2674

Complementary

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



47.8892, 25.3047, 60.1179



34.0564, 63.1791, 19.4192

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.



8.8696, 25.3047, 33.3138



47.8892, 25.3047, 60.1179



14.0488, 25.3047, 2.0443

Square

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



47.8892, 25.3047, 60.1179



33.6827, 25.3047, 1.2313



9.8233, 25.3047, 9.5716



16.4570, 25.3047, 122.6778

Rectangle

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



47.8892, 25.3047, 60.1179



47.7560, 25.3047, 9.3183



9.8233, 25.3047, 9.5716



9.8697, 25.3047, 60.9922

Sweetspot

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



47.8901, 25.3060, 60.1184



77.4304, 67.4465, 94.7471



20.5108, 10.6646, 82.6396



16.0865, 13.5500, 19.8483



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.



47.8901, 25.3060, 60.1184



53.2930, 26.4234, 64.3454



39.9656, 22.1362, 18.3884



16.3231, 15.9789, 19.2574



25.1794, 12.3442, 29.9250



2.1266, 1.0397, 2.6573

Inverse Universe

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



47.8901, 25.3060, 60.1184



53.2930, 26.4234, 64.3454



40.2719, 65.6653, 52.1495



16.3231, 15.9789, 19.2574



25.1794, 12.3442, 29.9250



2.1266, 1.0397, 2.6573

Previews

White Background



This preview shows how the XYZ color 47.8892, 25.3047, 60.1179 looks on a white background.

Color Contrast Check

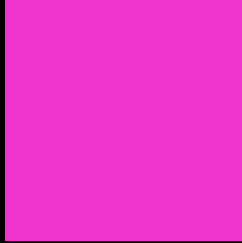
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8892, 25.3047, 60.1179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

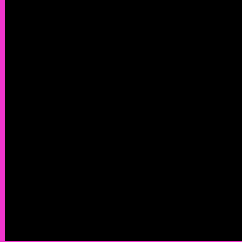
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.8892, 25.3047, 60.1179

Background



This preview shows how black text looks on a background with the XYZ color 47.8892, 25.3047, 60.1179.



This preview shows how white text looks on a background with the XYZ color 47.8892, 25.3047,

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

47.8892, 25.3047, 60.1179

Protanopia

29.4767, 25.7661, 98.0275

Deuteranopia

26.2910, 25.7083, 54.6154



Tritanopia

38.3448, 25.1941, 14.3972

Trichromacy



Original Color

47.8892, 25.3047, 60.1179



Protanomaly

30.3293, 21.3685, 82.6468



Deuteranomaly

30.4513, 22.1718, 56.1007



Tritanomaly

40.8440, 24.5786, 26.2583

Monochromacy



Original Color

47.8892, 25.3047, 60.1179



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

26.3146, 19.5057, 33.3884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8892, 25.3047, 60.1179 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(239, 53, 205)` looks like.

```
.text, #text, p{  
    color:rgb(239, 53, 205)  
}
```

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(239, 53, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 53, 205) }
```

Border

The CSS property to change the border of an element to XYZ 47.8892, 25.3047, 60.1179 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(239, 53, 205) }
```


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

```
.border{ border-color:rgb(239, 53, 205) }
```

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

Here you see how a box with a 4 pixel rgb(239, 53, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 53, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 53, 205);  
box-shadow:4px 4px 4px 4px rgb(239, 53,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8892, 25.3047, 60.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 53, 205) }
```

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

```
.background{ background-color: rgb(239, 53,  
205) }
```

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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