

Converting Colors

XYZ(48.0972, 29.7692, 48.2198)

Have a look what the booklet for
XYZ(48.0972, 29.7692, 48.2198)
contains.

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Color

**XYZ(48.1466, 29.7750,
48.0093)**

Conversions

Conversions Part 1

Format	Color
Hex	EF5EB7
RGB	239, 94, 183
RGB Percent	94%, 37%, 72%
CMY	0.0627, 0.6313, 0.2824
CMYK	0.00, 0.61, 0.23, 0.06
HSL	323°, 82%, 65%
HSV	323°, 61%, 94%
XYZ	48.1466, 29.7750, 48.0093
YIQ	147.5010, 57.8510, 58.4190

Conversions

Conversions Part 2

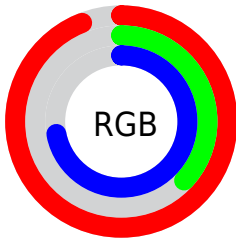
Format	Color
R _{YB}	239, 94, 183
Decimal	15687351
CIE _{Lab}	61.46, 64.70, -18.67
CIE _{LCh}	61, 67.340, 343.901
Y _{xy}	29.7750, 0.3823, 0.2364
Android (android.graphics.Color)	4293877431 (0xFFEF5EB7)
YUV	147.5010, 17.5010, 80.2446
Hunter-Lab	54.5665, 62.0077, -13.9687

Details

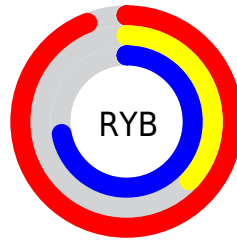
The XYZ color **48.1466, 29.7750, 48.0093** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **40.9892, 66.3157, 39.4972**, and the grayscale version is **27.8548, 29.3054, 31.9135**.

A 20% lighter version of the original color is **67.8866, 49.6252, 87.6620**, and **23.0839, 12.1240, 22.2426** is the 20% darker color. If you saturate the color by 10%, you get **45.4113, 25.7916, 42.5117**, and if you desaturate by 10%, it is **51.6045, 35.1020, 54.0592**.

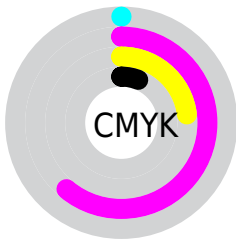
Distribution



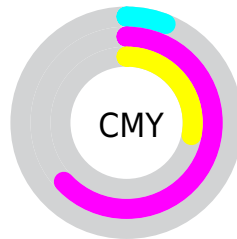
- Red (94%)
- Green (37%)
- Blue (72%)



- Red (94%)
- Yellow (37%)
- Blue (72%)



- Cyan (0%)
- Magenta (61%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (63%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1466, 29.7750, 48.0093 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 48.1466, 29.7750, 48.0093 by changing the saturation by 10% instead.


 48.1466, 29.7750,
48.0093


 48.1466, 29.7750,
48.0093

369.9458,
300.8543, 395.3388


 34.1547, 19.6679,
33.4742


 86.6310, 59.3062,
88.5839


 23.1759, 12.1538,
22.2159


 111.8543, 79.4990,
115.4606

 14.8449, 6.8485,
13.8158


 141.5520,
103.8225, 147.2881

 8.7962, 3.3676,
7.8554

 176.0896,
132.6611, 184.4852

 4.6645, 1.3265,
3.9161

215.8325,
166.3992, 227.4702

 2.0845, 0.1616,
1.5794

261.1459,

 0.6808, 0.0000,

205.4212, 276.6618

0.2761

312.3952,
250.1114, 332.4785

■ 0.0000, 0.0000,
0.0000

■ 48.1466, 29.7750,
48.0093

■ 48.1466, 29.7750,
48.0093

■ 45.4113, 25.7916,
42.5117

■ 51.6045, 35.1020,
54.0592

■ 43.3316, 23.0209,
37.5373

■ 55.8383, 41.8785,
60.6842

■ 41.8320, 21.3134,
33.0553

■ 60.8994, 50.2049,
67.9072

■ 40.8392, 20.4478,
29.2718

■ 66.8336, 60.1713,
75.7490

■ 73.6835, 71.8610,
84.2291

■ 81.4886, 85.3514,
93.3658

■ 88.2406, 96.6244,
102.4948

■ 89.4068, 97.0908,
108.6359

Harmonies

Analogous

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



41.9121, 29.7750, 82.1494



48.1466, 29.7750, 48.0093



48.3893, 29.7750, 22.0078

Triad

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



48.1466, 29.7750, 48.0093



24.3825, 29.7750, 4.3141



17.6681, 29.7750, 79.7012

Complementary

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



48.1466, 29.7750, 48.0093



40.9892, 66.3157, 39.4972

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.



14.7199, 29.7750, 45.6865



48.1466, 29.7750, 48.0093



18.0096, 29.7750, 8.3671

Square

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



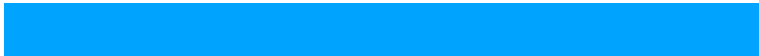
48.1466, 29.7750, 48.0093



33.3192, 29.7750, 4.4423



14.8302, 29.7750, 20.6335



23.8124, 29.7750, 106.0507

Rectangle

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



48.1466, 29.7750, 48.0093



45.0252, 29.7750, 12.0384



14.8302, 29.7750, 20.6335



16.3339, 29.7750, 68.1869

Sweetspot

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



48.1475, 29.7765, 48.0099



79.3909, 73.0404, 90.2433



32.0855, 20.6838, 83.9632



16.5229, 14.8362, 18.7198



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.



48.1475, 29.7765, 48.0099



51.9170, 28.9210, 47.7026



42.4652, 27.5036, 18.0874



16.1805, 15.9219, 18.5069



22.6346, 11.3263, 16.5244



1.9315, 0.9616, 1.6301

Inverse Universe

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



48.1475, 29.7765, 48.0099



51.9170, 28.9210, 47.7026



48.6798, 69.3920, 79.9952



16.1805, 15.9219, 18.5069



22.6346, 11.3263, 16.5244



1.9315, 0.9616, 1.6301

Previews

White Background



This preview shows how the XYZ color 48.1466, 29.7750, 48.0093 looks on a white background.

Color Contrast Check

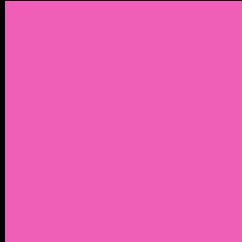
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1466, 29.7750, 48.0093 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 48.1466, 29.7750, 48.0093

Background



This preview shows how black text looks on a background with the XYZ color 48.1466, 29.7750, 48.0093.



This preview shows how white text looks on a background with the XYZ color 48.1466, 29.7750,

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

48.1466, 29.7750, 48.0093

Protanopia

31.6321, 30.0426, 73.2389

Deuteranopia

30.4409, 29.8300, 44.7108



Tritanopia

42.3911, 29.7599, 20.3396

Trichromacy



Original Color

48.1466, 29.7750, 48.0093



Protanomaly

34.4916, 27.7321, 63.2094



Deuteranomaly

34.7881, 28.0811, 45.7061



Tritanomaly

44.0190, 29.4859, 28.5706

Monochromacy



Original Color

48.1466, 29.7750, 48.0093



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

33.2082, 27.8353, 37.3407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1466, 29.7750, 48.0093 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, 94, 183)` looks like.

```
.text, #text, p{  
    color:rgb(239, 94, 183)  
}
```

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, 94, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 94, 183) }
```

Border

The CSS property to change the border of an element to XYZ 48.1466, 29.7750, 48.0093 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, 94, 183) }
```


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

```
.border{ border-color:rgb(239, 94, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 94, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 94, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 94, 183);  
box-shadow:4px 4px 4px 4px rgb(239, 94,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1466, 29.7750, 48.0093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 94, 183) }
```

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

```
.background{ background-color: rgb(239, 94,  
183) }
```

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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