

Converting Colors

XYZ(48.5782, 28.8813, 44.5424)

Have a look what the booklet for
XYZ(48.5782, 28.8813, 44.5424)
contains.

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Color

**XYZ(48.4144, 28.7481,
44.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	F454B1
RGB	244, 84, 177
RGB Percent	96%, 33%, 69%
CMY	0.0431, 0.6706, 0.3059
CMYK	0.00, 0.66, 0.27, 0.04
HSL	325°, 88%, 64%
HSV	325°, 66%, 96%
XYZ	48.4144, 28.7481, 44.5922
YIQ	142.4420, 65.5070, 62.8430

Conversions

Conversions Part 2

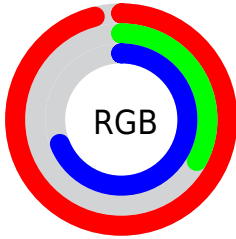
Format	Color
R_{YB}	244, 84, 177
Decimal	16012465
CIE _{Lab}	60.56, 69.32, -16.53
CIE _{LCh}	61, 71.263, 346.591
Yxy	28.7481, 0.3976, 0.2361
Android (android.graphics.Color)	4294202545 (0xFFFF454B1)
YUV	142.4420, 17.0371, 89.0664
Hunter-Lab	53.6173, 67.3487, -11.7780

Details

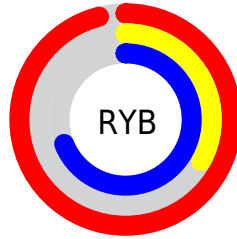
The XYZ color **48.4144, 28.7481, 44.5922** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **41.5944, 68.8215, 40.3736**, and the grayscale version is **25.8041, 27.1479, 29.5641**.

A 20% lighter version of the original color is **65.7704, 46.7881, 82.6553**, and **23.4053, 11.6456, 20.0830** is the 20% darker color. If you saturate the color by 10%, you get **45.8588, 25.2061, 38.9021**, and if you desaturate by 10%, it is **51.7073, 33.6420, 50.9048**.

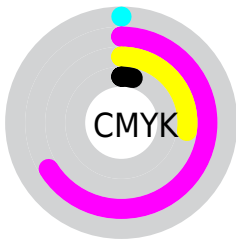
Distribution



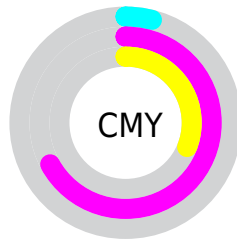
- Red (96%)
- Green (33%)
- Blue (69%)



- Red (96%)
- Yellow (33%)
- Blue (69%)



- Cyan (0%)
- Magenta (66%)
- Yellow (27%)
- Black (4%)




- Cyan (4%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4144, 28.7481, 44.5922 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 48.4144, 28.7481, 44.5922 by changing the saturation by 10% instead.


 48.4144, 28.7481,
44.5922

 48.4144, 28.7481,
44.5922

370.9877,
296.0246, 381.2313


 34.3678, 18.8903,
30.7957


 87.0271, 57.6766,
83.4201


 23.3405, 11.5911,
20.1862


 112.3238, 77.5162,
109.2886

 14.9672, 6.4659,
12.3450


 142.1013,
101.4518, 140.0181

 8.8825, 3.1304,
6.8537

 176.7249,
129.8679, 176.0274

 4.7211, 1.2002,
3.2937

216.5600,
163.1488, 217.7347

 2.1177, 0.0618,
1.2465

261.9719,

 0.6988, 0.0000,

201.6789, 265.5588

0.0173

313.3260,
245.8427, 319.9182

■ 0.0000, 0.0000,
0.0000

■ 48.4144, 28.7481,
44.5922

■ 48.4144, 28.7481,
44.5922

■ 45.8588, 25.2061,
38.9021

■ 51.7073, 33.6420,
50.9048

■ 43.9642, 22.8670,
33.8003

■ 55.7980, 40.0073,
57.8673


■ 42.6412, 21.5543,
29.2486


■ 60.7435, 47.9551,
65.5067


■ 42.1773, 21.1808,
27.3856

■ 66.5947, 57.5846,
73.8474

■ 73.3981, 68.9868,
82.9122

 81.1973, 82.2462,
92.7226

 90.0328, 97.4417,
103.2991

 91.1184, 97.9732,
108.7160

Harmonies

Analogous

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



42.3073, 28.7481, 80.6659



48.4144, 28.7481, 44.5922



48.0429, 28.7481, 18.9427

Triad

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



48.4144, 28.7481, 44.5922



22.5749, 28.7481, 3.5182



16.8752, 28.7481, 84.4655

Complementary

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



48.4144, 28.7481, 44.5922



41.5944, 68.8215, 40.3736

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.



13.6279, 28.7481, 48.1241



48.4144, 28.7481, 44.5922



16.3762, 28.7481, 7.7894

Square

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



48.4144, 28.7481, 44.5922



31.6384, 28.7481, 3.3512



13.4685, 28.7481, 20.9553



23.4212, 28.7481, 111.0502

Rectangle

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



48.4144, 28.7481, 44.5922



44.1445, 28.7481, 9.7634



13.4685, 28.7481, 20.9553



15.4329, 28.7481, 72.2917

Sweetspot

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



48.4153, 28.7496, 44.5927



77.6328, 70.3657, 87.0632



32.2020, 19.4217, 87.6398



16.1690, 14.3120, 18.0353



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.



48.4153, 28.7496, 44.5927



49.8546, 26.7831, 40.8896



42.6530, 26.4447, 14.2493



16.9030, 16.6441, 19.2360



23.0034, 11.5448, 15.2579



2.0730, 1.0352, 1.6107

Inverse Universe

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



48.4153, 28.7496, 44.5927



49.8546, 26.7831, 40.8896



50.3847, 72.3376, 86.6625



16.9030, 16.6441, 19.2360



23.0034, 11.5448, 15.2579



2.0730, 1.0352, 1.6107

Previews

White Background



This preview shows how the XYZ color 48.4144, 28.7481, 44.5922 looks on a white background.

Color Contrast Check

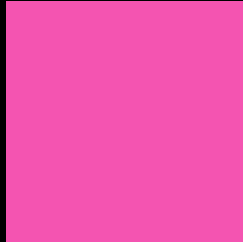
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4144, 28.7481, 44.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

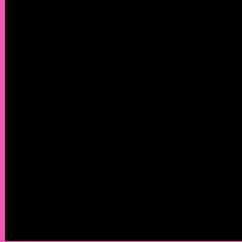
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.4144, 28.7481, 44.5922

Background



This preview shows how black text looks on a background with the XYZ color 48.4144, 28.7481, 44.5922.



This preview shows how white text looks on a background with the XYZ color 48.4144, 28.7481,

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

48.4144, 28.7481, 44.5922

Protanopia

30.6373, 29.1069, 71.7136

Deuteranopia

29.4680, 28.9561, 41.0817



Tritanopia

42.6203, 28.5672, 17.4550

Trichromacy



Original Color

48.4144, 28.7481, 44.5922



Protanomaly

33.3757, 26.2780, 60.4398



Deuteranomaly

34.0774, 27.0497, 41.9531



Tritanomaly

44.2610, 28.4031, 25.3398

Monochromacy



Original Color

48.4144, 28.7481, 44.5922



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

31.3442, 25.6250, 34.3044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4144, 28.7481, 44.5922 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(244, 84, 177)` looks like.

```
.text, #text, p{  
    color:rgb(244, 84, 177)  
}
```

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(244, 84, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 84, 177) }
```

Border

The CSS property to change the border of an element to XYZ 48.4144, 28.7481, 44.5922 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(244, 84, 177) }
```


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

```
.border{ border-color:rgb(244, 84, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 84, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 84, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 84, 177);  
box-shadow:4px 4px 4px 4px rgb(244, 84,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4144, 28.7481, 44.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 84, 177) }
```

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

```
.background{ background-color: rgb(244, 84,  
177) }
```

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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