

Converting Colors

XYZ(47.6750, 29.7375, 45.0584)

Have a look what the booklet for
XYZ(47.6750, 29.7375, 45.0584)
contains.

XYZ(47.6246, 29.7095, 44.8194)	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(47.6246, 29.7095,
44.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	EF5FB1
RGB	239, 95, 177
RGB Percent	94%, 37%, 69%
CMY	0.0627, 0.6274, 0.3059
CMYK	0.00, 0.60, 0.26, 0.06
HSL	326°, 82%, 65%
HSV	326°, 60%, 94%
XYZ	47.6246, 29.7095, 44.8194
YIQ	147.4040, 59.5020, 56.0300

Conversions

Conversions Part 2

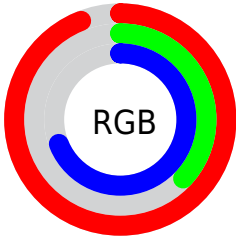
Format	Color
R_{YB}	239, 95, 177
Decimal	15687601
CIE _{Lab}	61.40, 63.50, -15.32
CIE _{LCh}	61, 65.321, 346.434
Yxy	29.7095, 0.3899, 0.2432
Android (android.graphics.Color)	4293877681 (0xFFEF5FB1)
YUV	147.4040, 14.5908, 80.3297
Hunter-Lab	54.5064, 60.5769, -10.5983

Details

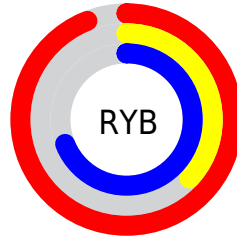
The XYZ color **47.6246, 29.7095, 44.8194** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **41.6732, 66.6010, 42.5607**, and the grayscale version is **27.8259, 29.2750, 31.8805**.

A 20% lighter version of the original color is **67.1762, 49.5997, 83.1239**, and **22.7450, 12.0720, 20.2001** is the 20% darker color. If you saturate the color by 10%, you get **44.8050, 25.6503, 39.0082**, and if you desaturate by 10%, it is **51.1835, 35.1229, 51.2592**.

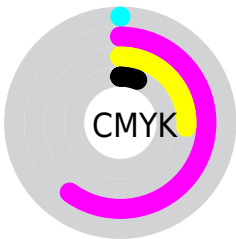
Distribution



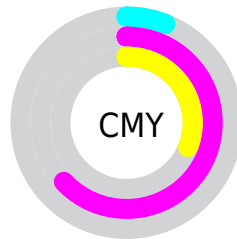
- Red (94%)
- Green (37%)
- Blue (69%)



- Red (94%)
- Yellow (37%)
- Blue (69%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (63%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6246, 29.7095, 44.8194 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 47.6246, 29.7095, 44.8194 by changing the saturation by 10% instead.

 47.6246, 29.7095,
44.8194

 47.6246, 29.7095,
44.8194


367.9096,
300.5480, 382.1804


 33.7397, 19.6182,
30.9733

 85.8583, 59.2025,
83.7649

 22.8557, 12.1178,
20.3202


 110.9378, 79.3729,
109.7014

 14.6071, 6.8240,
12.4416


 140.4796,
103.6719, 140.5051

 8.6286, 3.3523,
6.9190

 174.8489,
132.4837, 176.5945

 4.5549, 1.3183,
3.3338

214.4113,
166.1929, 218.3882

 2.0206, 0.1553,
1.2675

259.5319,

 0.6455, 0.0000,

205.1837, 266.3047

0.0349

310.5762,
249.8406, 320.7626

■ 0.0000, 0.0000,
0.0000

■ 47.6246, 29.7095,
44.8194

■ 47.6246, 29.7095,
44.8194

■ 44.8050, 25.6503,
39.0082

■ 51.1835, 35.1229,
51.2592

■ 42.6578, 22.8150,
33.7943

■ 55.5353, 41.9961,
58.3528

■ 41.1075, 21.0552,
29.1439

■ 60.7315, 50.4292,
66.1255

■ 40.0472, 20.1310,
25.1019

■ 66.8185, 60.5123,
74.6004

■ 73.8389, 72.3283,
83.7991

■ 81.8326, 85.9548,
93.7422

■ 88.4612, 96.7126,
103.6571

■ 89.4067, 97.0908,
108.6359

Harmonies

Analogous

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



42.0413, 29.7095, 77.3718



47.6246, 29.7095, 44.8194



47.3209, 29.7095, 20.6853

Triad

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



47.6246, 29.7095, 44.8194



23.8009, 29.7095, 4.8303



18.2801, 29.7095, 80.4166

Complementary

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



47.6246, 29.7095, 44.8194



41.6732, 66.6010, 42.5607

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.



15.1300, 29.7095, 47.7335



47.6246, 29.7095, 44.8194



17.8444, 29.7095, 9.4129

Square

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



47.6246, 29.7095, 44.8194



32.3100, 29.7095, 4.6592



14.9887, 29.7095, 22.4365



24.5233, 29.7095, 103.9802

Rectangle

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



47.6246, 29.7095, 44.8194



43.7946, 29.7095, 11.5441



14.9887, 29.7095, 22.4365



16.8854, 29.7095, 69.5542

Sweetspot

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



47.6255, 29.7110, 44.8200



79.0946, 72.9219, 88.6831



33.1915, 21.3870, 84.0402



16.4505, 14.8073, 18.3384



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.



47.6255, 29.7110, 44.8200



51.3499, 28.9500, 43.9278



42.3439, 27.5984, 17.0072



16.1499, 15.9097, 18.3458



22.1980, 11.1516, 14.2251



1.8964, 0.9476, 1.4455

Inverse Universe

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



47.6255, 29.7110, 44.8200



51.3499, 28.9500, 43.9278



49.4520, 69.7126, 83.5231



16.1499, 15.9097, 18.3458



22.1980, 11.1516, 14.2251



1.8964, 0.9476, 1.4455

Previews

White Background



This preview shows how the XYZ color 47.6246, 29.7095, 44.8194 looks on a white background.

Color Contrast Check

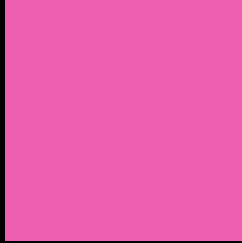
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6246, 29.7095, 44.8194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

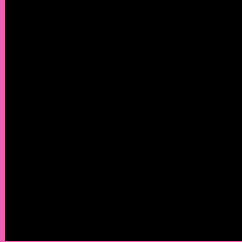
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.6246, 29.7095, 44.8194

Background



This preview shows how black text looks on a background with the XYZ color 47.6246, 29.7095, 44.8194.



This preview shows how white text looks on a background with the XYZ color 47.6246, 29.7095,

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

47.6246, 29.7095, 44.8194

Protanopia

31.1689, 29.9248, 67.7516

Deuteranopia

30.4237, 29.8877, 41.7015



Tritanopia

42.6112, 29.7141, 20.3192

Trichromacy



Original Color

47.6246, 29.7095, 44.8194



Protanomaly

34.2804, 27.7206, 58.8022



Deuteranomaly

34.8029, 28.3476, 42.6671



Tritanomaly

44.2026, 29.5976, 27.8093

Monochromacy



Original Color

47.6246, 29.7095, 44.8194



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

32.7131, 27.6103, 35.9529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6246, 29.7095, 44.8194 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, 95, 177)` looks like.

```
.text, #text, p{  
    color:rgb(239, 95, 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(239, 95, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 95, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.6246, 29.7095, 44.8194 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, 95, 177) }
```


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

```
.border{ border-color:rgb(239, 95, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 95, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 95, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 95, 177);  
box-shadow:4px 4px 4px 4px rgb(239, 95,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6246, 29.7095, 44.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 95, 177) }
```

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

```
.background{ background-color: rgb(239, 95,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor