

Converting Colors

XYZ(44.8198, 27.7127, 48.1191)

Have a look what the booklet for
XYZ(44.8198, 27.7127, 48.1191)
contains.

XYZ(44.7059, 27.6009, 48.3186)	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(44.7059, 27.6009,
48.3186)**

Conversions

Conversions Part 1

Format	Color
Hex	E55BB8
RGB	229, 91, 184
RGB Percent	90%, 36%, 72%
CMY	0.1020, 0.6431, 0.2784
CMYK	0.00, 0.60, 0.20, 0.10
HSL	320°, 73%, 63%
HSV	320°, 60%, 90%
XYZ	44.7059, 27.6009, 48.3186
YIQ	142.8640, 52.3950, 58.1790

Conversions

Conversions Part 2

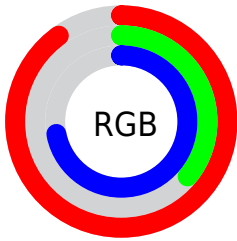
Format	Color
R _Y B	229, 91, 184
Decimal	15031224
CIE Lab	59.53, 63.30, -22.33
CIE LCh	60, 67.126, 340.567
Yxy	27.6009, 0.3706, 0.2288
Android (android.graphics.Color)	4293221304 (0xFFE55BB8)
YUV	142.8640, 20.2800, 75.5413
Hunter-Lab	52.5366, 59.9553, -17.7542

Details

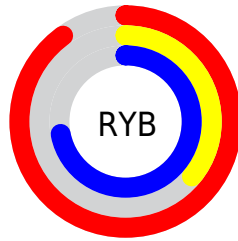
The XYZ color **44.7059, 27.6009, 48.3186** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **36.7791, 60.0412, 32.9460**, and the grayscale version is **25.9625, 27.3146, 29.7456**.

A 20% lighter version of the original color is **67.5581, 48.7311, 88.2834**, and **21.0662, 10.9686, 22.4796** is the 20% darker color. If you saturate the color by 10%, you get **42.2762, 23.9611, 43.7479**, and if you desaturate by 10%, it is **47.7758, 32.4541, 53.3070**.

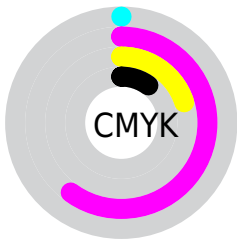
Distribution



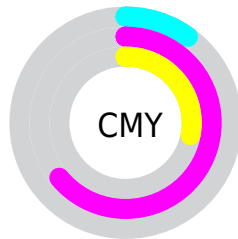
- Red (90%)
- Green (36%)
- Blue (72%)



- Red (90%)
- Yellow (36%)
- Blue (72%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7059, 27.6009, 48.3186 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 44.7059, 27.6009, 48.3186 by changing the saturation by 10% instead.


 44.7059, 27.6009,
48.3186


 44.7059, 27.6009,
48.3186


356.3849,
290.5549, 396.5987


 31.4261, 18.0250,
33.7175


 81.5187, 55.8466,
89.0491


 21.0770, 10.9680,
22.4010


 105.7824, 75.2853,
116.0155

 13.2931, 6.0453,
13.9507


 134.4382, 98.7803,
147.9407

 7.7090, 2.8726,
7.9481

 167.8513,
126.7161, 185.2434

 3.9596, 1.0656,
3.9744

206.3872,
159.4771, 228.3420

 1.6793, 0.0000,
1.6113

250.4112,

 0.4433, 0.0000,

197.4476, 277.6550

0.2989

300.2887,
241.0121, 333.6011

■ 0.0000, 0.0000,
0.0000

■ 44.7059, 27.6009,
48.3186

■ 44.7059, 27.6009,
48.3186

■ 42.2762, 23.9611,
43.7479

■ 47.7758, 32.4541,
53.3070

■ 40.4271, 21.4177,
39.5714

■ 51.5330, 38.6153,
58.7313

■ 39.0919, 19.8381,
35.7637

■ 56.0232, 46.1744,
64.6099

■ 38.1729, 19.0020,
32.3687

■ 61.2872, 55.2119,
70.9592

■ 67.3627, 65.8026,
77.7948

■ 74.2849, 78.0159,
85.1311

■ 82.0870, 91.9171,
92.9819

■ 84.3634, 94.6941,
99.2147

■ 85.5191, 95.1564,
105.3007

Harmonies

Analogous

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



38.2660, 27.6009, 80.9870



44.7059, 27.6009, 48.3186



45.6386, 27.6009, 22.3099

Triad

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



44.7059, 27.6009, 48.3186



23.3689, 27.6009, 3.6066



15.7365, 27.6009, 71.5426

Complementary

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



44.7059, 27.6009, 48.3186



36.7791, 60.0412, 32.9460

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.



13.2962, 27.6009, 39.4069



44.7059, 27.6009, 48.3186



17.0321, 27.6009, 6.7682

Square

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



44.7059, 27.6009, 48.3186



32.0117, 27.6009, 4.0781



13.7132, 27.6009, 17.0905



21.1967, 27.6009, 98.6388

Rectangle

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



44.7059, 27.6009, 48.3186



42.8342, 27.6009, 12.0722



13.7132, 27.6009, 17.0905



14.5950, 27.6009, 60.4252

Sweetspot

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



44.7068, 27.6023, 48.3191



79.7979, 73.2032, 92.3867



27.8290, 18.2671, 76.1883



16.6227, 14.8761, 19.2449



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.



44.7068, 27.6023, 48.3191



53.3835, 29.7634, 54.6366



39.2252, 25.4096, 19.4537



14.7847, 14.5311, 17.0668



21.8829, 10.8874, 18.8100



1.6593, 0.8214, 1.6125

Inverse Universe

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



44.7068, 27.6023, 48.3191



53.3835, 29.7634, 54.6366



43.1979, 62.6088, 66.7473



14.7847, 14.5311, 17.0668



21.8829, 10.8874, 18.8100



1.6593, 0.8214, 1.6125

Previews

White Background



This preview shows how the XYZ color 44.7059, 27.6009, 48.3186 looks on a white background.

Color Contrast Check

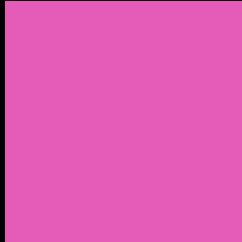
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.7059, 27.6009, 48.3186 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 44.7059, 27.6009, 48.3186

Background



This preview shows how black text looks on a background with the XYZ color 44.7059, 27.6009, 48.3186.

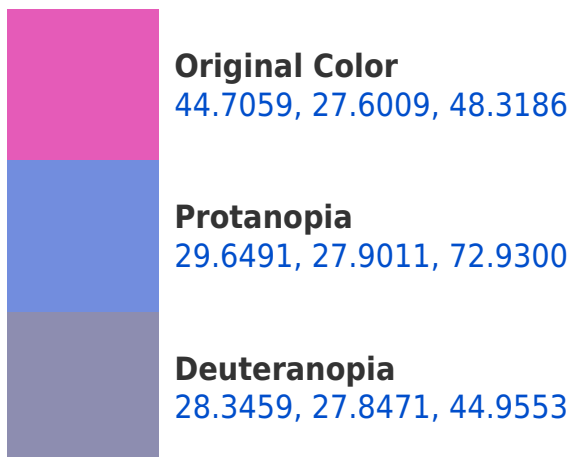


This preview shows how white text looks on a background with the XYZ color 44.7059, 27.6009,

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

38.5813, 27.4925, 19.4928

Trichromacy



Original Color

44.7059, 27.6009, 48.3186



Protanomaly

32.1784, 25.7879, 62.9561



Deuteranomaly

32.4532, 26.3048, 46.0147



Tritanomaly

40.5363, 27.4037, 27.9639

Monochromacy



Original Color

44.7059, 27.6009, 48.3186



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

30.8348, 25.8826, 35.7184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7059, 27.6009, 48.3186 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(229, 91, 184)` looks like.

```
.text, #text, p{  
    color:rgb(229, 91, 184)  
}
```

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(229, 91, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 91, 184) }
```

Border

The CSS property to change the border of an element to XYZ 44.7059, 27.6009, 48.3186 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(229, 91, 184) }
```


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

```
.border{ border-color:rgb(229, 91, 184) }
```

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

Here you see how a box with a 4 pixel rgb(229, 91, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 91, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 91, 184);  
box-shadow:4px 4px 4px 4px rgb(229, 91,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7059, 27.6009, 48.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 91, 184) }
```

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

```
.background{ background-color: rgb(229, 91,  
184) }
```

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