

Converting Colors

XYZ(48.3397, 27.4689, 75.4273)

Have a look what the booklet for
XYZ(48.3397, 27.4689, 75.4273)
contains.

XYZ(48.3397, 27.4689, 75.4273)	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(48.3397, 27.4689,
75.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	E34FE3
RGB	227, 79, 227
RGB Percent	89%, 31%, 89%
CMY	0.1098, 0.6902, 0.1098
CMYK	0.00, 0.65, 0.00, 0.11
HSL	300°, 73%, 60%
HSV	300°, 65%, 89%
XYZ	48.3397, 27.4689, 75.4273
YIQ	140.1240, 40.7000, 77.4040

Conversions

Conversions Part 2

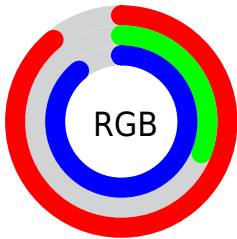
Format	Color
R _Y B	227, 79, 227
Decimal	14897123
CIE Lab	59.41, 74.08, -46.95
CIE LCh	59, 87.711, 327.634
Yxy	27.4689, 0.3196, 0.1816
Android (android.graphics.Color)	4293087203 (0xFFE34FE3)
YUV	140.1240, 42.8299, 76.1903
Hunter-Lab	52.4108, 72.9159, -48.6400

Details

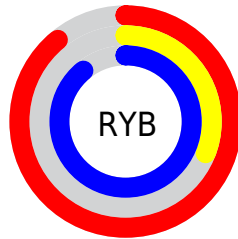
The XYZ color **48.3397, 27.4689, 75.4273** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **32.1061, 57.1662, 16.7406**, and the grayscale version is **24.8045, 26.0963, 28.4189**.

A 20% lighter version of the original color is **68.3785, 46.6570, 100.0095**, and **23.4991, 11.2651, 39.4639** is the 20% darker color. If you saturate the color by 10%, you get **46.9733, 24.7354, 74.9719**, and if you desaturate by 10%, it is **50.2669, 31.3224, 76.0700**.

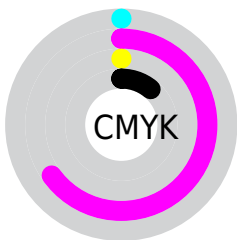
Distribution



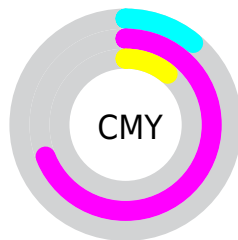
- Red (89%)
- Green (31%)
- Blue (89%)



- Red (89%)
- Yellow (31%)
- Blue (89%)



- Cyan (0%)
- Magenta (65%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (69%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3397, 27.4689, 75.4273 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 48.3397, 27.4689, 75.4273 by changing the saturation by 10% instead.


 48.3397, 27.4689,
75.4273


 48.3397, 27.4689,
75.4273


370.6973,
289.9203, 498.6795


 34.3083, 17.9257,
55.4592


 86.9166, 55.6354,
128.6697


 23.2946, 10.8967,
39.3684

 112.1929, 75.0275,
162.7811

 14.9331, 5.9974,
26.7364


 141.9482, 98.4713,
202.4439

 8.8584, 2.8435,
17.1447

 176.5478,
126.3512, 248.0768

 4.7053, 1.0506,
10.1746

216.3572,
159.0517, 300.0983

 2.1084, 0.0000,
5.4078

261.7417,

 0.6938, 0.0000,

196.9571, 358.9268

2.4256

313.0666,
240.4519, 424.9811

■ 0.0000, 0.0000,
0.8003

■ 0.0000, 0.0000,
0.0000

■ 48.3397, 27.4689,
75.4273

■ 48.3397, 27.4689,
75.4273

■ 46.9733, 24.7354,
74.9719

■ 50.2669, 31.3224,
76.0700

■ 46.1051, 22.9989,
74.6824


■ 52.8031, 36.3948,
76.9155


■ 45.6628, 22.1144,
74.5349


■ 55.9947, 42.7780,
77.9795


■ 45.5442, 21.8772,
74.4953


■ 59.8830, 50.5545,
79.2758

 64.5056, 59.7998,
80.8168

 69.8977, 70.5839,
82.6142

 76.0921, 82.9726,
84.6791

 81.3045, 93.3973,
86.4167

 81.3045, 93.3973,
86.4168

Harmonies

Analogous

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



37.1901, 27.4689, 121.9773



48.3397, 27.4689, 75.4273



53.4329, 27.4689, 32.4788

Triad

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



48.3397, 27.4689, 75.4273



26.9909, 27.4689, 1.0356



11.5028, 27.4689, 67.6872

Complementary

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



48.3397, 27.4689, 75.4273



32.1061, 57.1662, 16.7406

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.



10.1721, 27.4689, 27.4784



48.3397, 27.4689, 75.4273



17.4807, 27.4689, 1.9475

Square

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



48.3397, 27.4689, 75.4273



39.1369, 27.4689, 2.3807



12.0156, 27.4689, 7.7979



16.3491, 27.4689, 115.7076

Rectangle

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



48.3397, 27.4689, 75.4273



51.8765, 27.4689, 15.0639



12.0156, 27.4689, 7.7979



10.7012, 27.4689, 52.2492

Sweetspot

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



48.3407, 27.4702, 75.4279



80.8828, 71.6657, 104.1773



19.8868, 12.8016, 74.0971



16.9559, 14.6268, 22.1794



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.



48.3407, 27.4702, 75.4279



60.7088, 31.3180, 97.4517



40.2256, 24.2241, 32.6944



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Inverse Universe

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



48.3407, 27.4702, 75.4279



60.7088, 31.3180, 97.4517



36.4446, 58.9017, 39.5871



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 48.3397, 27.4689, 75.4273 looks on a white background.

Color Contrast Check

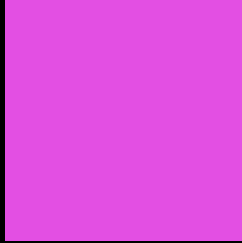
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3397, 27.4689, 75.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

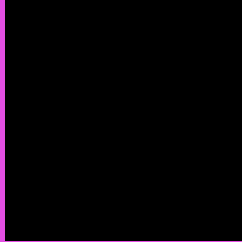
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.3397, 27.4689, 75.4273

Background



This preview shows how black text looks on a background with the XYZ color 48.3397, 27.4689, 75.4273.



This preview shows how white text looks on a background with the XYZ color 48.3397, 27.4689,

75.4273.

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

48.3397, 27.4689, 75.4273

Protanopia

31.4526, 28.0509, 98.3644

Deuteranopia

28.6535, 27.9059, 69.5218



Tritanopia

37.2087, 27.3915, 21.0953

Trichromacy



Original Color

48.3397, 27.4689, 75.4273



Protanomaly

33.6073, 25.0384, 89.4478



Deuteranomaly

32.7165, 25.3288, 71.5712



Tritanomaly

40.0286, 26.6776, 35.8404

Monochromacy



Original Color

48.3397, 27.4689, 75.4273



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

30.9381, 24.7061, 42.1679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3397, 27.4689, 75.4273 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(227, 79, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 79, 227)  
}
```

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(227, 79, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 79, 227) }
```

Border

The CSS property to change the border of an element to XYZ 48.3397, 27.4689, 75.4273 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(227, 79, 227) }
```


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

```
.border{ border-color:rgb(227, 79, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 79, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 79, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 79, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 79,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3397, 27.4689, 75.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 79, 227) }
```

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

```
.background{ background-color: rgb(227, 79,  
227) }
```

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