

Converting Colors

XYZ(48.2474, 27.5286, 32.6782)

Have a look what the booklet for
XYZ(48.2474, 27.5286, 32.6782)
contains.

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Color

**XYZ(48.0656, 27.4689,
32.4745)**

Conversions

Conversions Part 1

Format	Color
Hex	FC4798
RGB	252, 71, 152
RGB Percent	99%, 28%, 60%
CMY	0.0118, 0.7215, 0.4039
CMYK	0.00, 0.72, 0.40, 0.01
HSL	333°, 97%, 63%
HSV	333°, 72%, 99%
XYZ	48.0656, 27.4689, 32.4745
YIQ	134.3530, 81.8750, 63.5630

Conversions

Conversions Part 2

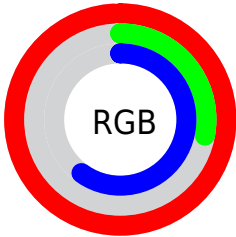
Format	Color
R_{YB}	252, 71, 152
Decimal	16533400
CIE _{Lab}	59.41, 73.33, -3.62
CIE _{LCh}	59, 73.417, 357.177
Yxy	27.4689, 0.4450, 0.2543
Android (android.graphics.Color)	4294723480 (0xFFFC4798)
YUV	134.3530, 8.7000, 103.1764
Hunter-Lab	52.4108, 71.9824, -0.0494

Details

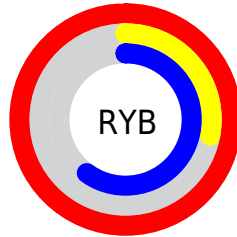
The XYZ color **48.0656, 27.4689, 32.4745** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **44.7615, 73.9015, 50.4388**, and the grayscale version is **22.7395, 23.9237, 26.0529**.

A 20% lighter version of the original color is **60.6318, 42.2188, 63.3459**, and **23.5842, 11.8867, 13.3633** is the 20% darker color. If you saturate the color by 10%, you get **45.7075, 24.4720, 26.3886**, and if you desaturate by 10%, it is **51.2230, 31.8502, 39.4878**.

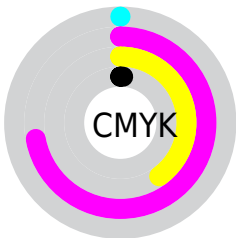
Distribution



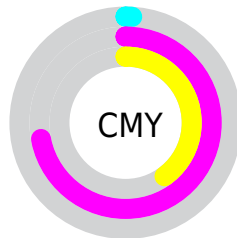
- Red (99%)
- Green (28%)
- Blue (60%)



- Red (99%)
- Yellow (28%)
- Blue (60%)



- Cyan (0%)
- Magenta (72%)
- Yellow (40%)
- Black (1%)




- Cyan (1%)
- Magenta (72%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0656, 27.4689, 32.4745 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 48.0656, 27.4689, 32.4745 by changing the saturation by 10% instead.


 48.0656, 27.4689,
32.4745


 48.0656, 27.4689,
32.4745


369.6304,
289.9203, 327.8342

 34.0903, 17.9257,
21.4564


 86.5112, 55.6354,
64.6607


 23.1262, 10.8967,
13.2635


 111.7122, 75.0275,
86.6659


 14.8079, 5.9974,
7.4774


 141.3858, 98.4713,
113.1706

 8.7701, 2.8435,
3.6795

 175.8973,
126.3512, 144.5932

 4.6475, 1.0506,
1.4512

 215.6122,
159.0517, 181.3523

 2.0745, 0.0000,
0.1812

260.8958,

 0.6753, 0.0000,

196.9571, 223.8665

0.0000

312.1134,
240.4519, 272.5543

■ 0.0000, 0.0000,
0.0000

■ 48.0656, 27.4689,
32.4745

■ 48.0656, 27.4689,
32.4745

■ 45.7075, 24.4720,
26.3886

■ 51.2230, 31.8502,
39.4878

■ 44.0537, 22.6767,
21.1749


■ 55.2550, 37.7595,
47.4747


■ 43.1123, 21.8824,
17.5050


■ 60.2302, 45.3271,
56.4787

■ 66.2091, 54.6679,
66.5399

■ 73.2474, 65.8867,
77.6959

 81.3961, 79.0800,
89.9819

 90.7031, 94.3376,
103.4315

 93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



43.9768, 27.4689, 66.6387



48.0656, 27.4689, 32.4745



45.2219, 27.4689, 12.2221

Triad

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



48.0656, 27.4689, 32.4745



18.8326, 27.4689, 3.6859



17.6446, 27.4689, 95.8913

Complementary

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



48.0656, 27.4689, 32.4745



44.7615, 73.9015, 50.4388

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.



13.3202, 27.4689, 59.5339



48.0656, 27.4689, 32.4745



13.8843, 27.4689, 9.9931

Square

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



48.0656, 27.4689, 32.4745



26.9894, 27.4689, 2.4786



12.1245, 27.4689, 27.4822



25.2467, 27.4689, 114.4269

Rectangle

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



48.0656, 27.4689, 32.4745



40.0754, 27.4689, 6.0128



12.1245, 27.4689, 27.4822



15.8343, 27.4689, 84.5906

Sweetspot

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



48.0664, 27.4704, 32.4750



75.0955, 67.4429, 79.5835



36.5225, 20.1443, 94.0586



15.6312, 13.7264, 16.3456



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.



48.0664, 27.4704, 32.4750



46.1532, 24.2202, 24.7356



44.1557, 26.8968, 8.8276



17.5674, 17.3543, 19.5778



22.5294, 11.4275, 9.4964



2.1391, 1.0794, 1.1561

Inverse Universe

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



48.0664, 27.4704, 32.4750



46.1532, 24.2202, 24.7356



52.2058, 72.4398, 103.3261



17.5674, 17.3543, 19.5778



22.5294, 11.4275, 9.4964



2.1391, 1.0794, 1.1561

Previews

White Background



This preview shows how the XYZ color 48.0656, 27.4689, 32.4745 looks on a white background.

Color Contrast Check

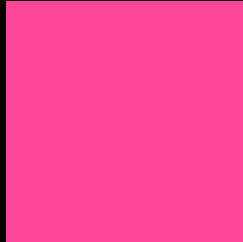
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0656, 27.4689, 32.4745 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 48.0656, 27.4689, 32.4745

Background



This preview shows how black text looks on a background with the XYZ color 48.0656, 27.4689, 32.4745.



This preview shows how white text looks on a background with the XYZ color 48.0656, 27.4689,

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

48.0656, 27.4689, 32.4745

Protanopia

28.3553, 27.5930, 56.6548

Deuteranopia

28.0952, 27.6165, 29.8363



Tritanopia

43.9275, 27.3674, 12.8647

Trichromacy



Original Color

48.0656, 27.4689, 32.4745



Protanomaly

31.5991, 24.5976, 46.7984



Deuteranomaly

32.9438, 25.3164, 30.3444



Tritanomaly

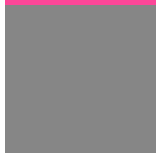
44.9900, 27.2169, 18.5049

Monochromacy



Original Color

48.0656, 27.4689, 32.4745



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

28.6236, 22.6391, 28.0605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0656, 27.4689, 32.4745 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(252, 71, 152)` looks like.

```
.text, #text, p{  
    color:rgb(252, 71, 152)  
}
```

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(252, 71, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 71, 152) }
```

Border

The CSS property to change the border of an element to XYZ 48.0656, 27.4689, 32.4745 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(252, 71, 152) }
```


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

```
.border{ border-color:rgb(252, 71, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 71, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 71, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 71, 152);  
box-shadow:4px 4px 4px 4px rgb(252, 71,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0656, 27.4689, 32.4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 71, 152) }
```

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

```
.background{ background-color: rgb(252, 71,  
152) }
```

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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