

Converting Colors

XYZ(48.8096, 32.6544, 26.5469)

Have a look what the booklet for
XYZ(48.8096, 32.6544, 26.5469)
contains.

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Color

**XYZ(48.8027, 32.6141,
26.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	F96C87
RGB	249, 108, 135
RGB Percent	98%, 42%, 53%
CMY	0.0235, 0.5764, 0.4706
CMYK	0.00, 0.57, 0.46, 0.02
HSL	349°, 92%, 70%
HSV	349°, 57%, 98%
XYZ	48.8027, 32.6141, 26.6446
YIQ	153.2370, 75.3690, 38.2890

Conversions

Conversions Part 2

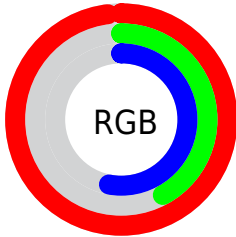
Format	Color
R _Y B	249, 108, 135
Decimal	16346247
CIE Lab	63.85, 56.21, 12.57
CIE LCh	64, 57.599, 12.606
Yxy	32.6141, 0.4516, 0.3018
Android (android.graphics.Color)	4294536327 (0xFFFF96C87)
YUV	153.2370, -8.9908, 83.9842
Hunter-Lab	57.1088, 52.5981, 12.3139

Details

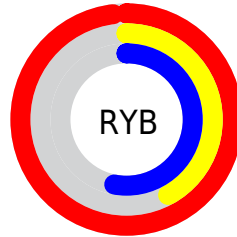
The XYZ color **48.8027, 32.6141, 26.6446** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.2468, 76.2143, 81.0168**, and the grayscale version is **30.3976, 31.9806, 34.8269**.

A 20% lighter version of the original color is **63.5926, 51.4418, 54.1545**, and **23.6026, 13.7309, 10.2104** is the 20% darker color. If you saturate the color by 10%, you get **45.2553, 27.5776, 19.1176**, and if you desaturate by 10%, it is **53.3695, 39.2607, 35.8344**.

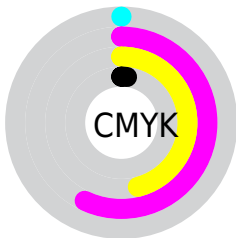
Distribution



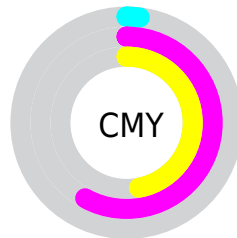
- Red (98%)
- Green (42%)
- Blue (53%)



- Red (98%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (57%)
- Yellow (46%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8027, 32.6141, 26.6446 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 48.8027, 32.6141, 26.6446 by changing the saturation by 10% instead.


 48.8027, 32.6141,
26.6446


 48.8027, 32.6141,
26.6446


372.4949,
313.9072, 299.6377

 34.6769, 21.8310,
17.0764


 87.6008, 63.7726,
55.3098

 23.5794, 13.7328,
10.1265


 113.0039, 84.9167,
75.2439

 15.1450, 7.9350,
5.3762


 142.8967,
110.2833, 99.4704

 9.0082, 4.0534,
2.4071

 177.6446,
140.2568, 128.4079

 4.8037, 1.7035,
0.7903

217.6131,
175.2216, 162.4748

 2.1661, 0.4259,
0.0000

263.1674,

 0.7248, 0.0000,

215.5619, 202.0897

0.0000

314.6729,
261.6624, 247.6712

■ 0.0000, 0.0000,
0.0000

■ 48.8027, 32.6141,
26.6446

■ 48.8027, 32.6141,
26.6446

■ 45.2553, 27.5776,
19.1176

■ 53.3695, 39.2607,
35.8344

■ 42.6440, 24.0083,
13.1498

■ 59.0251, 47.6336,
46.7781

■ 40.8758, 21.7472,
8.6286

■ 65.8358, 57.8446,
59.5621

■ 39.8351, 20.5930,
5.4234

■ 73.8616, 69.9943,
74.2666

■ 39.5936, 20.3504,
4.6020

■ 83.1585, 84.1761,
90.9669

92.8769, 98.8797,
108.7983

Harmonies

Analogous

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



48.3487, 32.6141, 50.5718



48.8027, 32.6141, 26.6446



43.9228, 32.6141, 13.0768

Triad

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



48.8027, 32.6141, 26.6446



21.6115, 32.6141, 11.7702



26.5751, 32.6141, 97.2881

Complementary

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



48.8027, 32.6141, 26.6446



53.2468, 76.2143, 81.0168

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.



20.8967, 32.6141, 75.0379



48.8027, 32.6141, 26.6446



18.3925, 32.6141, 23.7837

Square

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



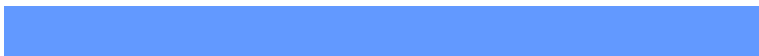
48.8027, 32.6141, 26.6446



27.7246, 32.6141, 7.3563



18.1559, 32.6141, 46.1544



34.5210, 32.6141, 99.1873

Rectangle

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



48.8027, 32.6141, 26.6446



38.7251, 32.6141, 8.8173



18.1559, 32.6141, 46.1544



24.3751, 32.6141, 91.6070

Sweetspot

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



48.8035, 32.6158, 26.6452



77.6076, 73.3368, 77.7400



52.2207, 32.9074, 93.2219



16.2261, 15.1123, 15.9391



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.



48.8035, 32.6158, 26.6452



47.3101, 28.4676, 19.1598



52.7293, 43.1330, 19.7360



17.3804, 17.2795, 18.5928



21.2323, 10.9086, 2.6657



2.0014, 1.0243, 0.4310

Inverse Universe

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



48.8035, 32.6158, 26.6452



47.3101, 28.4676, 19.1598



45.5250, 54.5098, 97.7445



17.3804, 17.2795, 18.5928



21.2323, 10.9086, 2.6657



2.0014, 1.0243, 0.4310

Previews

White Background



This preview shows how the XYZ color 48.8027, 32.6141, 26.6446 looks on a white background.

Color Contrast Check

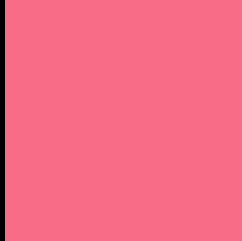
Large Text (above 18pt) WCAG AA × Fail

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 48.8027, 32.6141, 26.6446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

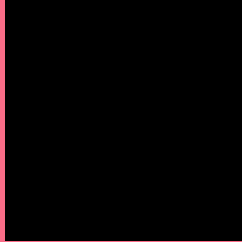
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8027, 32.6141, 26.6446

Background



This preview shows how black text looks on a background with the XYZ color 48.8027, 32.6141, 26.6446.



This preview shows how white text looks on a background with the XYZ color 48.8027, 32.6141,

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

48.8027, 32.6141, 26.6446

Protanopia

31.6111, 32.7172, 37.9067

Deuteranopia

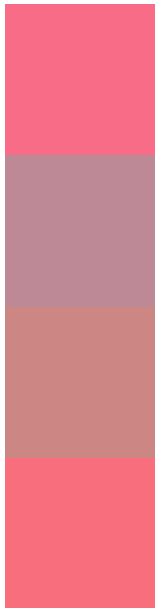
33.2341, 32.6371, 24.9700



Tritanopia

47.6659, 32.6333, 20.9261

Trichromacy



Original Color

48.8027, 32.6141, 26.6446

Protanomaly

35.7668, 31.0728, 33.3907

Deuteranomaly

37.5237, 31.5263, 25.5802

Tritanomaly

47.9254, 32.5636, 22.8282

Monochromacy



Original Color

48.8027, 32.6141, 26.6446

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

34.8730, 30.6580, 31.2737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8027, 32.6141, 26.6446 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(249, 108, 135)` looks like.

```
.text, #text, p{  
    color:rgb(249, 108, 135)  
}
```

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(249, 108, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 108, 135) }
```

Border

The CSS property to change the border of an element to XYZ 48.8027, 32.6141, 26.6446 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(249, 108, 135) }
```


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

```
.border{ border-color:rgb(249, 108, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 108, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 108, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 108, 135);  
box-shadow:4px 4px 4px 4px rgb(249, 108,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8027, 32.6141, 26.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 108, 135) }
```

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

```
.background{ background-color: rgb(249,  
108, 135) }
```

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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