

Converting Colors

XYZ(48.7919, 32.7807, 28.3492)

Have a look what the booklet for
XYZ(48.7919, 32.7807, 28.3492)
contains.

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Color

**XYZ(48.8402, 32.7578,
28.1748)**

Conversions

Conversions Part 1

Format	Color
Hex	F86D8B
RGB	248, 109, 139
RGB Percent	97%, 43%, 55%
CMY	0.0275, 0.5725, 0.4549
CMYK	0.00, 0.56, 0.44, 0.03
HSL	347°, 91%, 70%
HSV	347°, 56%, 97%
XYZ	48.8402, 32.7578, 28.1748
YIQ	153.9810, 73.2140, 38.7980

Conversions

Conversions Part 2

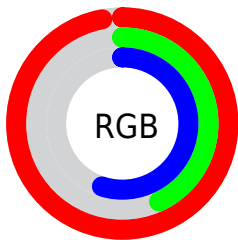
Format	Color
R _Y B	248, 109, 139
Decimal	16280971
CIE Lab	63.96, 55.81, 10.42
CIE LCh	64, 56.773, 10.578
Yxy	32.7578, 0.4449, 0.2984
Android (android.graphics.Color)	4294471051 (0xFFFF86D8B)
YUV	153.9810, -7.3856, 82.4547
Hunter-Lab	57.2344, 52.1602, 10.8774

Details

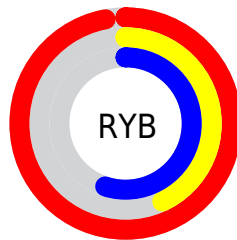
The XYZ color **48.8402, 32.7578, 28.1748** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.5308, 75.4487, 78.1290**, and the grayscale version is **30.7169, 32.3166, 35.1927**.

A 20% lighter version of the original color is **64.2096, 51.9760, 56.5173**, and **23.5698, 13.8323, 10.8788** is the 20% darker color. If you saturate the color by 10%, you get **45.2608, 27.6746, 20.5834**, and if you desaturate by 10%, it is **53.4202, 39.4377, 37.3475**.

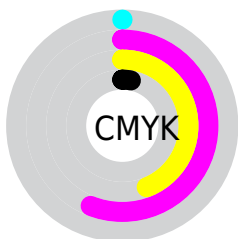
Distribution



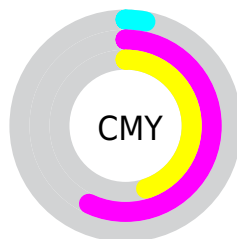
- Red (97%)
- Green (43%)
- Blue (55%)



- Red (97%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (56%)
- Yellow (44%)
- Black (3%)





- Cyan (3%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8402, 32.7578, 28.1748 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 48.8402, 32.7578, 28.1748 by changing the saturation by 10% instead.


 48.8402, 32.7578,
28.1748

 48.8402, 32.7578,
28.1748


372.6403,
314.5570, 307.2394


 34.7067, 21.9410,
18.2173


 87.6562, 63.9972,
57.7899


 23.6025, 13.8135,
10.9350


 113.0695, 85.1886,
78.2845

 15.1622, 7.9911,
5.9095


 142.9734,
110.6069, 103.1285

 9.0203, 4.0892,
2.7223

 177.7334,
140.6366, 132.7406

 4.8117, 1.7236,
0.9546

217.7147,
175.6621, 167.5391

 2.1708, 0.4389,
0.0000

263.2827,

 0.7273, 0.0000,

216.0677, 207.9428

0.0000

314.8028,
262.2379, 254.3700

■ 0.0000, 0.0000,
0.0000

■ 48.8402, 32.7578,
28.1748

■ 48.8402, 32.7578,
28.1748

■ 45.2608, 27.6746,
20.5834

■ 53.4202, 39.4377,
37.3475

■ 42.6016, 24.0486,
14.4794

■ 59.0678, 47.8284,
48.1842

■ 40.7732, 21.7245,
9.7612

■ 65.8468, 58.0391,
60.7637

■ 39.6656, 20.5085,
6.3121

■ 73.8156, 70.1688,
75.1591

■ 39.3658, 20.2182,
5.2583

■ 83.0282, 84.3091,
91.4394

92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



48.0159, 32.7578, 52.4171



48.8402, 32.7578, 28.1748



44.3437, 32.7578, 13.9976

Triad

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



48.8402, 32.7578, 28.1748



22.1613, 32.7578, 11.5771



26.2945, 32.7578, 95.4504

Complementary

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



48.8402, 32.7578, 28.1748



52.5308, 75.4487, 78.1290

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.



20.8508, 32.7578, 72.6928



48.8402, 32.7578, 28.1748



18.7627, 32.7578, 22.9307

Square

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



48.8402, 32.7578, 28.1748



28.3954, 32.7578, 7.5212



18.3280, 32.7578, 44.3835



34.0460, 32.7578, 98.8802

Rectangle

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



48.8402, 32.7578, 28.1748



39.3212, 32.7578, 9.4081



18.3280, 32.7578, 44.3835



24.1725, 32.7578, 89.4593

Sweetspot

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



48.8411, 32.7595, 28.1754



77.7478, 73.3929, 78.4781



51.2918, 32.6040, 92.3965



16.2588, 15.1254, 16.1115



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.



48.8411, 32.7595, 28.1754



47.8742, 29.0049, 21.1699



52.1231, 42.3628, 19.9000



17.3979, 17.2865, 18.6850



21.3073, 10.9386, 3.0605



2.0108, 1.0281, 0.4802

Inverse Universe

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



48.8411, 32.7595, 28.1754



47.8742, 29.0049, 21.1699



45.9580, 55.4431, 97.0860



17.3979, 17.2865, 18.6850



21.3073, 10.9386, 3.0605



2.0108, 1.0281, 0.4802

Previews

White Background



This preview shows how the XYZ color 48.8402, 32.7578, 28.1748 looks on a white background.

Color Contrast Check

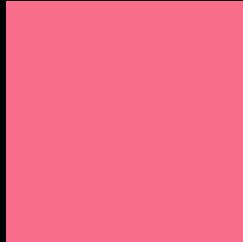
Large Text (above 18pt) WCAG AA × Fail

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 48.8402, 32.7578, 28.1748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

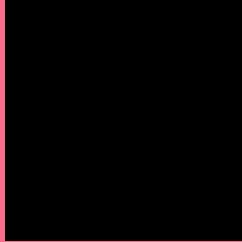
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8402, 32.7578, 28.1748

Background



This preview shows how black text looks on a background with the XYZ color 48.8402, 32.7578, 28.1748.



This preview shows how white text looks on a background with the XYZ color 48.8402, 32.7578,

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

48.8402, 32.7578, 28.1748

Protanopia

31.9667, 32.8595, 39.7796

Deuteranopia

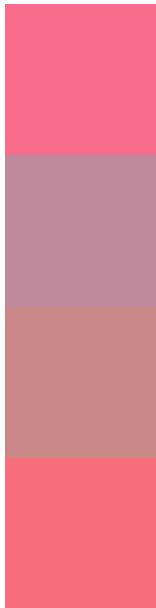
33.5001, 32.9711, 26.7887



Tritanopia

47.5421, 32.7186, 21.5789

Trichromacy



Original Color

48.8402, 32.7578, 28.1748

Protanomaly

35.9911, 31.3623, 35.1669

Deuteranomaly

37.6657, 31.7737, 27.0694

Tritanomaly

47.8730, 32.6753, 23.8625

Monochromacy



Original Color

48.8402, 32.7578, 28.1748

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

35.2523, 31.0383, 32.5668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8402, 32.7578, 28.1748 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(248, 109, 139)` looks like.

```
.text, #text, p{  
    color:rgb(248, 109, 139)  
}
```

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(248, 109, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 109, 139) }
```

Border

The CSS property to change the border of an element to XYZ 48.8402, 32.7578, 28.1748 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(248, 109, 139) }
```


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

```
.border{ border-color:rgb(248, 109, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 109, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 109, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 109, 139);  
box-shadow:4px 4px 4px 4px rgb(248, 109,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8402, 32.7578, 28.1748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 109, 139) }
```

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

```
.background{ background-color: rgb(248,  
109, 139) }
```

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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