

Converting Colors

XYZ(47.2482, 32.8017, 26.9517)

Have a look what the booklet for
XYZ(47.2482, 32.8017, 26.9517)
contains.

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Color

**XYZ(47.4234, 32.8669,
27.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	F37288
RGB	243, 114, 136
RGB Percent	95%, 45%, 53%
CMY	0.0471, 0.5529, 0.4667
CMYK	0.00, 0.53, 0.44, 0.05
HSL	350°, 84%, 70%
HSV	350°, 53%, 95%
XYZ	47.4234, 32.8669, 27.1370
YIQ	155.0790, 69.8220, 34.1900

Conversions

Conversions Part 2

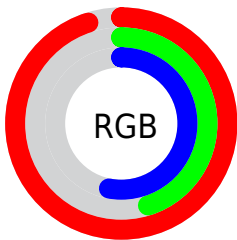
Format	Color
R _Y B	243, 114, 136
Decimal	15954568
CIE Lab	64.05, 51.52, 12.16
CIE LCh	64, 52.931, 13.281
Yxy	32.8669, 0.4414, 0.3059
Android (android.graphics.Color)	4294144648 (0xFFFF37288)
YUV	155.0790, -9.4059, 77.1067
Hunter-Lab	57.3297, 47.3292, 12.0658

Details

The XYZ color **47.4234, 32.8669, 27.1370** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.0430, 72.8998, 79.7394**, and the grayscale version is **31.2105, 32.8358, 35.7582**.

A 20% lighter version of the original color is **64.6133, 53.3101, 55.0285**, and **22.7721, 13.8671, 10.2805** is the 20% darker color. If you saturate the color by 10%, you get **43.7370, 27.5751, 19.4928**, and if you desaturate by 10%, it is **52.1089, 39.7257, 36.4439**.

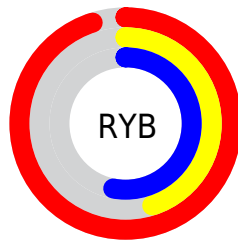
Distribution



Red (95%)

Green (45%)

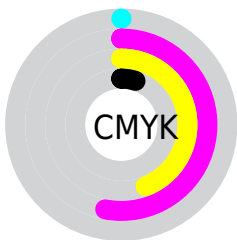
Blue (53%)



Red (95%)

Yellow (45%)

Blue (53%)

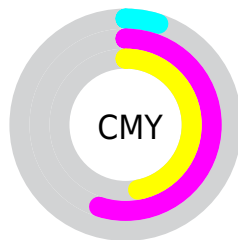


Cyan (0%)

Magenta (53%)

Yellow (44%)

Black (5%)



Cyan (5%)


Magenta (55%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4234, 32.8669, 27.1370 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 47.4234, 32.8669, 27.1370 by changing the saturation by 10% instead.


 47.4234, 32.8669,
27.1370


 47.4234, 32.8669,
27.1370


367.1228,
315.0496, 302.1010


 33.5798, 22.0245,
17.4428


 85.5602, 64.1677,
56.1100

 22.7324, 13.8749,
10.3854


 110.5841, 85.3948,
76.2260

 14.5156, 8.0337,
5.5463


 140.0656,
110.8524, 100.6528

 8.5642, 4.1165,
2.5069

174.3699,
140.9247, 129.8093

 4.5129, 1.7390,
0.8438

213.8624,
175.9962, 164.1137

 1.9962, 0.4487,
0.0000

258.9085,

 0.6318, 0.0000,

216.4512, 203.9848

0.0000

309.8735,
262.6742, 249.8411

■ 0.0000, 0.0000,
0.0000

■ 47.4234, 32.8669,
27.1370

■ 47.4234, 32.8669,
27.1370

■ 43.7370, 27.5751,
19.4928

■ 52.1089, 39.7257,
36.4439

■ 40.9728, 23.7210,
13.4101

■ 57.8574, 48.2570,
47.5027

■ 39.0470, 21.1633,
8.7791

■ 64.7304, 58.5632,
60.3984

■ 37.8581, 19.7290,
5.4743

■ 72.7840, 70.7369,
75.2098

■ 37.3699, 19.2178,
3.8773

■ 82.0706, 84.8643,
92.0111

90.7721, 97.7946,
108.6998

Harmonies

Analogous

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



47.1291, 32.8669, 48.9855



47.4234, 32.8669, 27.1370



42.9170, 32.8669, 14.3308

Triad

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



47.4234, 32.8669, 27.1370



22.3833, 32.8669, 13.4026



27.2831, 32.8669, 91.4736

Complementary

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



47.4234, 32.8669, 27.1370



52.0430, 72.8998, 79.7394

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.



21.8985, 32.8669, 72.0845



47.4234, 32.8669, 27.1370



19.3944, 32.8669, 25.2008

Square

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



47.4234, 32.8669, 27.1370



28.0515, 32.8669, 8.8110



19.2324, 32.8669, 46.1025



34.6593, 32.8669, 92.6740

Rectangle

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



47.4234, 32.8669, 27.1370



38.1588, 32.8669, 10.1698



19.2324, 32.8669, 46.1025



25.2109, 32.8669, 86.5979

Sweetspot

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



47.4243, 32.8686, 27.1376



78.4092, 74.6832, 78.7986



51.5150, 33.6220, 88.5684



16.3799, 15.3759, 16.1265



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.



47.4243, 32.8686, 27.1376



48.4173, 30.2267, 20.9328



51.6970, 43.6643, 21.6252



16.6144, 16.5286, 17.7161



20.5433, 10.5608, 2.3036



1.8377, 0.9411, 0.3719

Inverse Universe

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



47.4243, 32.8686, 27.1376



48.4173, 30.2267, 20.9328



44.2744, 52.3616, 92.5671



16.6144, 16.5286, 17.7161



20.5433, 10.5608, 2.3036



1.8377, 0.9411, 0.3719

Previews

White Background



This preview shows how the XYZ color 47.4234, 32.8669, 27.1370 looks on a white background.

Color Contrast Check

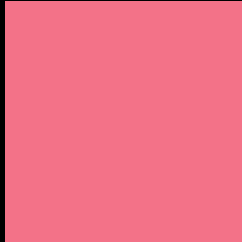
Large Text (above 18pt) WCAG AA × Fail

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 47.4234, 32.8669, 27.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

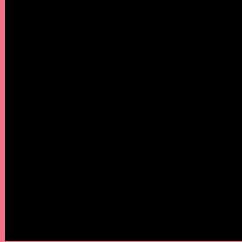
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4234, 32.8669, 27.1370

Background



This preview shows how black text looks on a background with the XYZ color 47.4234, 32.8669, 27.1370.

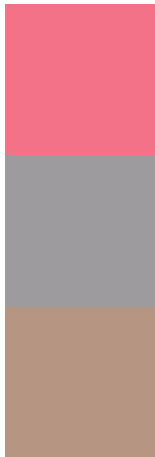


This preview shows how white text looks on a background with the XYZ color 47.4234, 32.8669,

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

47.4234, 32.8669, 27.1370

Protanopia

31.9935, 33.1804, 37.0660

Deuteranopia

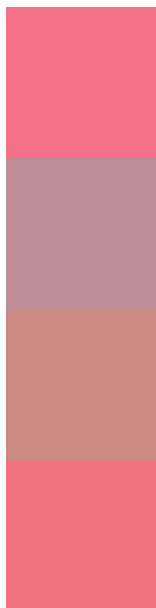
33.7580, 33.1277, 25.7341



Tritanopia

46.5014, 32.8233, 22.9534

Trichromacy



Original Color

47.4234, 32.8669, 27.1370

Protanomaly

35.8694, 31.7770, 33.0972

Deuteranomaly

37.7391, 32.2538, 26.0663

Tritanomaly

46.6450, 32.6972, 24.2748

Monochromacy



Original Color

47.4234, 32.8669, 27.1370

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.2169, 31.4591, 32.2331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4234, 32.8669, 27.1370 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(243, 114, 136)` looks like.

```
.text, #text, p{  
    color:rgb(243, 114, 136)  
}
```

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(243, 114, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 114, 136) }
```

Border

The CSS property to change the border of an element to XYZ 47.4234, 32.8669, 27.1370 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(243, 114, 136) }
```


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

```
.border{ border-color:rgb(243, 114, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 114, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 114, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 114, 136); box-shadow:4px 4px 4px 4px rgb(243, 114, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4234, 32.8669, 27.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 114, 136) }
```

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

```
.background{ background-color: rgb(243,  
114, 136) }
```

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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