

Converting Colors

XYZ(47.2682, 32.8017, 31.3690)

Have a look what the booklet for
XYZ(47.2682, 32.8017, 31.3690)
contains.

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Color

**XYZ(47.3324, 32.8933,
31.4581)**

Conversions

Conversions Part 1

Format	Color
Hex	F07393
RGB	240, 115, 147
RGB Percent	94%, 45%, 58%
CMY	0.0588, 0.5490, 0.4235
CMYK	0.00, 0.52, 0.39, 0.06
HSL	345°, 81%, 70%
HSV	345°, 52%, 94%
XYZ	47.3324, 32.8933, 31.4581
YIQ	156.0230, 64.2280, 36.4520

Conversions

Conversions Part 2

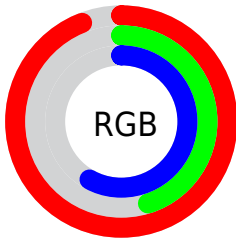
Format	Color
RYB	240, 115, 147
Decimal	15758227
CIELab	64.07, 51.17, 5.84
CIELCh	64, 51.502, 6.514
Yxy	32.8933, 0.4238, 0.2945
Android (android.graphics.Color)	4293948307 (0xFFFF07393)
YUV	156.0230, -4.4483, 73.6478
Hunter-Lab	57.3527, 46.9465, 7.6262

Details

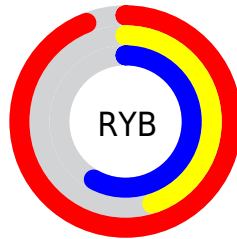
The XYZ color **47.3324, 32.8933, 31.4581** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.6173, 70.5199, 70.6753**, and the grayscale version is **31.6104, 33.2566, 36.2164**.

A 20% lighter version of the original color is **66.1573, 54.2265, 62.2382**, and **22.6488, 13.9039, 12.7992** is the 20% darker color. If you saturate the color by 10%, you get **43.6489, 27.5975, 23.8453**, and if you desaturate by 10%, it is **51.9474, 39.7040, 40.4551**.

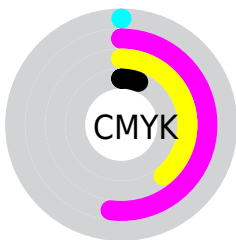
Distribution



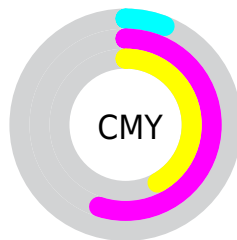
- Red (94%)
- Green (45%)
- Blue (58%)



- Red (94%)
- Yellow (45%)
- Blue (58%)



- Cyan (0%)
- Magenta (52%)
- Yellow (39%)
- Black (6%)





- Cyan (6%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3324, 32.8933, 31.4581 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 47.3324, 32.8933, 31.4581 by changing the saturation by 10% instead.


 47.3324, 32.8933,
31.4581


 47.3324, 32.8933,
31.4581


366.7666,
315.1687, 323.0596


 33.5076, 22.0447,
20.6865


 85.4253, 64.2089,
63.0486

 22.6766, 13.8898,
12.7061


 110.4241, 85.4447,
84.7046

 14.4743, 8.0440,
7.0981


 139.8782,
110.9117, 110.8259

 8.5352, 4.1231,
3.4442

174.1530,
140.9944, 141.8309

 4.4939, 1.7427,
1.3257

213.6139,
176.0770, 178.1382

 1.9852, 0.4511,
0.0827

258.6262,

 0.6256, 0.0000,

216.5440, 220.1664

0.0000

309.5553,
262.7797, 268.3340

■ 0.0000, 0.0000,
0.0000

■ 47.3324, 32.8933,
31.4581

■ 47.3324, 32.8933,
31.4581

■ 43.6489, 27.5975,
23.8453

■ 51.9474, 39.7040,
40.4551

■ 40.8279, 23.6945,
17.5435

■ 57.5512, 48.1292,
50.9007

■ 38.7942, 21.0515,
12.4747


■ 64.1993, 58.2659,
62.8572


■ 37.4579, 19.5072,
8.5509

■ 71.9423, 70.2018,
76.3825

■ 36.7892, 18.8669,
6.1787

■ 80.8274, 84.0188,
91.5315

 89.6074, 97.2101,
107.9259

 89.7452, 97.2653,
108.6517

Harmonies

Analogous

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



45.9367, 32.8933, 54.2814



47.3324, 32.8933, 31.4581



43.9153, 32.8933, 16.8681

Triad

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



47.3324, 32.8933, 31.4581



23.6542, 32.8933, 12.2942



26.0116, 32.8933, 86.5878

Complementary

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



47.3324, 32.8933, 31.4581



49.6173, 70.5199, 70.6753

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.



21.3109, 32.8933, 65.3496



47.3324, 32.8933, 31.4581



20.1047, 32.8933, 22.0986

Square

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



47.3324, 32.8933, 31.4581



29.7032, 32.8933, 8.9285



19.3187, 32.8933, 40.5571



32.8787, 32.8933, 92.2211

Rectangle

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



47.3324, 32.8933, 31.4581



39.6390, 32.8933, 11.7083



19.3187, 32.8933, 40.5571



24.1606, 32.8933, 80.7229

Sweetspot

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



47.3333, 32.8950, 31.4587



78.8792, 74.8712, 81.2735



47.4994, 31.7721, 86.0673



16.4907, 15.4202, 16.7099



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.



47.3333, 32.8950, 31.4587



50.0473, 31.6076, 27.2686



49.0295, 39.7620, 21.3125



15.9388, 15.8252, 17.2340



20.1845, 10.3462, 3.6220



1.7182, 0.8763, 0.5070

Inverse Universe

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



47.3333, 32.8950, 31.4587



50.0473, 31.6076, 27.2686



46.0527, 56.4432, 90.9055



15.9388, 15.8252, 17.2340



20.1845, 10.3462, 3.6220



1.7182, 0.8763, 0.5070

Previews

White Background



This preview shows how the XYZ color 47.3324, 32.8933, 31.4581 looks on a white background.

Color Contrast Check

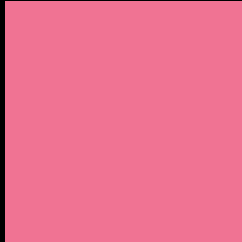
Large Text (above 18pt) WCAG AA × Fail

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 47.3324, 32.8933, 31.4581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

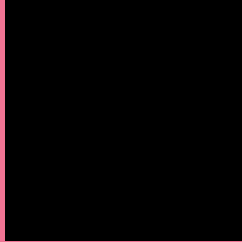
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3324, 32.8933, 31.4581

Background



This preview shows how black text looks on a background with the XYZ color 47.3324, 32.8933, 31.4581.



This preview shows how white text looks on a background with the XYZ color 47.3324, 32.8933,

31.4581.

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

47.3324, 32.8933, 31.4581

Protanopia

32.3035, 33.2150, 42.7388

Deuteranopia

33.6186, 32.9659, 29.7905



Tritanopia

45.6875, 32.9031, 24.0216

Trichromacy



Original Color

47.3324, 32.8933, 31.4581

Protanomaly

35.9073, 31.6791, 38.4046

Deuteranomaly

37.4568, 32.0166, 30.1922

Tritanomaly

46.3781, 33.0288, 26.4851

Monochromacy



Original Color

47.3324, 32.8933, 31.4581

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.7682, 31.9145, 34.4119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3324, 32.8933, 31.4581 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(240, 115, 147)` looks like.

```
.text, #text, p{  
    color:rgb(240, 115, 147)  
}
```

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(240, 115, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 115, 147) }
```

Border

The CSS property to change the border of an element to XYZ 47.3324, 32.8933, 31.4581 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(240, 115, 147) }
```


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

```
.border{ border-color:rgb(240, 115, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 115, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 115, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 115, 147);  
box-shadow:4px 4px 4px 4px rgb(240, 115,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3324, 32.8933, 31.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 115, 147) }
```

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

```
.background{ background-color: rgb(240,  
115, 147) }
```

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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