

Converting Colors

XYZ(47.0986, 32.6853, 26.8430)

Have a look what the booklet for
XYZ(47.0986, 32.6853, 26.8430)
contains.

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Color

**XYZ(47.0084, 32.6611,
26.7483)**

Conversions

Conversions Part 1

Format	Color
Hex	F27287
RGB	242, 114, 135
RGB Percent	95%, 45%, 53%
CMY	0.0510, 0.5529, 0.4706
CMYK	0.00, 0.53, 0.44, 0.05
HSL	350°, 83%, 70%
HSV	350°, 53%, 95%
XYZ	47.0084, 32.6611, 26.7483
YIQ	154.6660, 69.5470, 33.6670

Conversions

Conversions Part 2

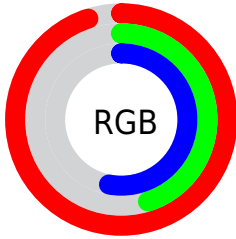
Format	Color
R _Y B	242, 114, 135
Decimal	15889031
CIE Lab	63.89, 51.08, 12.47
CIE LCh	64, 52.578, 13.725
Yxy	32.6611, 0.4417, 0.3069
Android (android.graphics.Color)	4294079111 (0xFFFF27287)
YUV	154.6660, -9.6953, 76.5919
Hunter-Lab	57.1499, 46.8121, 12.2550

Details

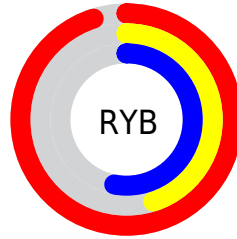
The XYZ color **47.0084, 32.6611, 26.7483** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.7444, 72.3028, 79.6397**, and the grayscale version is **31.0291, 32.6451, 35.5505**.

A 20% lighter version of the original color is **64.5051, 53.2668, 54.4587**, and **22.5870, 13.8487, 10.2867** is the 20% darker color. If you saturate the color by 10%, you get **43.3391, 27.3896, 19.1529**, and if you desaturate by 10%, it is **51.6720, 39.4881, 36.0110**.

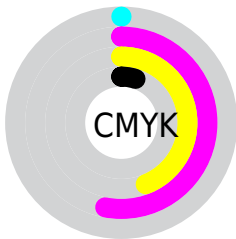
Distribution



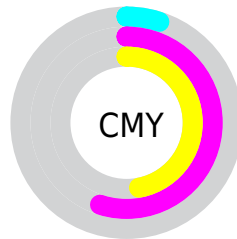
- Red (95%)
- Green (45%)
- Blue (53%)



- 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 47.0084, 32.6611, 26.7483 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 47.0084, 32.6611, 26.7483 by changing the saturation by 10% instead.


 47.0084, 32.6611,
26.7483


 47.0084, 32.6611,
26.7483

365.4964,
314.1199, 300.1579


 33.2503, 21.8670,
17.1535


 84.9448, 63.8461,
55.4785

 22.4784, 13.7592,
10.1809


 109.8538, 85.0057,
75.4510

 14.3274, 7.9534,
5.4119


 139.2105,
110.3892, 99.7199

 8.4320, 4.0651,
2.4280

173.3802,
140.3811, 128.7036

 4.4267, 1.7101,
0.8016

212.7283,
175.3657, 162.8207

 1.9462, 0.4302,
0.0000

257.6201,

 0.6035, 0.0000,

215.7274, 202.4898

0.0000

308.4210,
261.8507, 248.1293

■ 0.0000, 0.0000,
0.0000

■ 47.0084, 32.6611,
26.7483

■ 47.0084, 32.6611,
26.7483

■ 43.3391, 27.3896,
19.1529

■ 51.6720, 39.4881,
36.0110

■ 40.5879, 23.5458,
13.1226

■ 57.3934, 47.9750,
47.0310

■ 38.6714, 20.9900,
8.5465

■ 64.2339, 58.2230,
59.8942

■ 37.4892, 19.5516,
5.2976

■ 72.2491, 70.3240,
74.6799

■ 36.9957, 19.0283,
3.7032

■ 81.4910, 84.3632,
91.4631

90.4279, 97.6172,
108.6837

Harmonies

Analogous

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



46.7927, 32.6611, 48.2406



47.0084, 32.6611, 26.7483



42.4958, 32.6611, 14.1866

Triad

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



47.0084, 32.6611, 26.7483



22.2151, 32.6611, 13.5033



27.2262, 32.6611, 90.7327

Complementary

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



47.0084, 32.6611, 26.7483



51.7444, 72.3028, 79.6397

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.



21.8590, 32.6611, 71.7934



47.0084, 32.6611, 26.7483



19.2958, 32.6611, 25.3263

Square

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



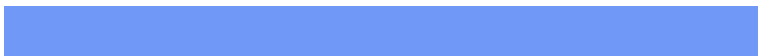
47.0084, 32.6611, 26.7483



27.7902, 32.6611, 8.8568



19.1768, 32.6611, 46.1268



34.5411, 32.6611, 91.6114

Rectangle

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



47.0084, 32.6611, 26.7483



37.7737, 32.6611, 10.1177



19.1768, 32.6611, 46.1268



25.1642, 32.6611, 86.0076

Sweetspot

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



47.0092, 32.6628, 26.7489



78.3740, 74.6691, 78.6131



51.7628, 33.7671, 87.7937



16.3716, 15.3726, 16.0829



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.



47.0092, 32.6628, 26.7489



48.7067, 30.7009, 21.3516



51.6570, 44.0952, 21.7104



15.8785, 15.8011, 16.9166



19.9073, 10.2353, 2.1623



1.6869, 0.8638, 0.3421

Inverse Universe

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



47.0092, 32.6628, 26.7489



48.7067, 30.7009, 21.3516



43.4681, 50.9902, 91.5553



15.8785, 15.8011, 16.9166



19.9073, 10.2353, 2.1623



1.6869, 0.8638, 0.3421

Previews

White Background



This preview shows how the XYZ color 47.0084, 32.6611, 26.7483 looks on a white background.

Color Contrast Check

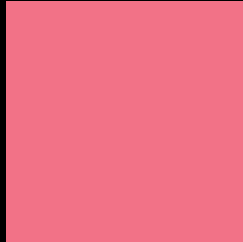
Large Text (above 18pt) WCAG AA × Fail

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 47.0084, 32.6611, 26.7483 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 47.0084, 32.6611, 26.7483

Background



This preview shows how black text looks on a background with the XYZ color 47.0084, 32.6611, 26.7483.



This preview shows how white text looks on a background with the XYZ color 47.0084, 32.6611,

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

47.0084, 32.6611, 26.7483

Protanopia

31.5460, 32.7136, 36.5500

Deuteranopia

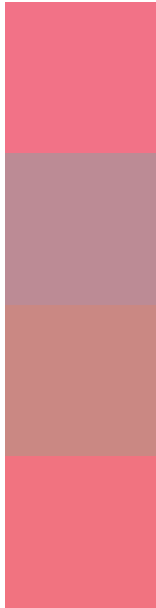
33.3003, 32.6636, 25.3185



Tritanopia

46.1591, 32.6468, 22.9374

Trichromacy



Original Color

47.0084, 32.6611, 26.7483

Protanomaly

35.3965, 31.3265, 32.6148

Deuteranomaly

37.2580, 31.8036, 25.6477

Tritanomaly

46.3026, 32.5208, 24.2588

Monochromacy



Original Color

47.0084, 32.6611, 26.7483

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 47.0084, 32.6611, 26.7483 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(242, 114, 135)` looks like.

```
.text, #text, p{  
    color:rgb(242, 114, 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(242, 114, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 114, 135) }
```

Border

The CSS property to change the border of an element to XYZ 47.0084, 32.6611, 26.7483 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(242, 114, 135) }
```


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

```
.border{ border-color:rgb(242, 114, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 114, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 114, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 114, 135);  
box-shadow:4px 4px 4px 4px rgb(242, 114,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0084, 32.6611, 26.7483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 114, 135) }
```

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

```
.background{ background-color: rgb(242,  
114, 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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