

Converting Colors

XYZ(47.1249, 32.6919, 26.9925)

Have a look what the booklet for
XYZ(47.1249, 32.6919, 26.9925)
contains.

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Color

**XYZ(47.0792, 32.6894,
27.1209)**

Conversions

Conversions Part 1

Format	Color
Hex	F27288
RGB	242, 114, 136
RGB Percent	95%, 45%, 53%
CMY	0.0510, 0.5529, 0.4667
CMYK	0.00, 0.53, 0.44, 0.05
HSL	350°, 83%, 70%
HSV	350°, 53%, 95%
XYZ	47.0792, 32.6894, 27.1209
YIQ	154.7800, 69.2260, 33.9780

Conversions

Conversions Part 2

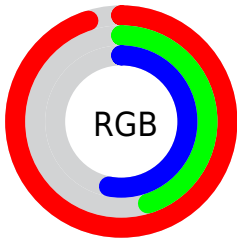
Format	Color
R _Y B	242, 114, 136
Decimal	15889032
CIE Lab	63.91, 51.18, 11.94
CIE LCh	64, 52.549, 13.128
Yxy	32.6894, 0.4404, 0.3058
Android (android.graphics.Color)	4294079112 (0xFFFF27288)
YUV	154.7800, -9.2585, 76.4919
Hunter-Lab	57.1746, 46.9263, 11.8979

Details

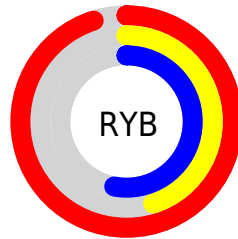
The XYZ color **47.0792, 32.6894, 27.1209** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.6116, 72.2497, 78.9400**, and the grayscale version is **31.0777, 32.6961, 35.6061**.

A 20% lighter version of the original color is **64.6133, 53.3101, 55.0285**, and **22.5870, 13.8487, 10.2867** is the 20% darker color. If you saturate the color by 10%, you get **43.4079, 27.4171, 19.5148**, and if you desaturate by 10%, it is **51.7405, 39.5155, 36.3716**.

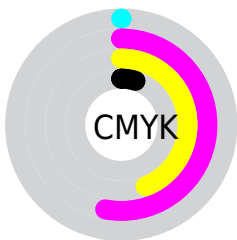
Distribution



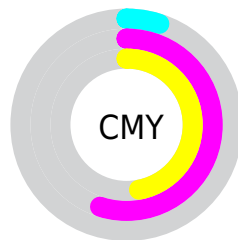
- Red (95%)
- Green (45%)
- Blue (53%)



- 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 47.0792, 32.6894, 27.1209 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 47.0792, 32.6894, 27.1209 by changing the saturation by 10% instead.

 47.0792, 32.6894,
27.1209


 47.0792, 32.6894,
27.1209


365.7742,
314.2478, 302.0207


 33.3065, 21.8886,
17.4308


 85.0499, 63.8903,
56.0839

 22.5217, 13.7751,
10.3769

 109.9785, 85.0592,
76.1939

 14.3595, 7.9644,
5.5407

 139.3565,
110.4529, 100.6143

 8.4545, 4.0722,
2.5036

173.5492,
140.4559, 129.7636

 4.4413, 1.7140,
0.8421

212.9220,
175.4525, 164.0603

 1.9547, 0.4327,
0.0000

257.8402,

 0.6083, 0.0000,

215.8270, 203.9230

0.0000

308.6691,
261.9640, 249.7703

■ 0.0000, 0.0000,
0.0000

■ 47.0792, 32.6894,
27.1209

■ 47.0792, 32.6894,
27.1209

■ 43.4079, 27.4171,
19.5148

■ 51.7405, 39.5155,
36.3716

■ 40.6508, 23.5709,
13.4536

■ 57.4549, 47.9995,
47.3545

■ 38.7252, 21.0115,
8.8295


■ 64.2832, 58.2427,
60.1535

■ 37.5314, 19.5685,
5.5192

■ 72.2806, 70.3366,
74.8459

■ 37.0284, 19.0414,
3.8754

■ 81.4990, 84.3663,
91.5049

 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.



46.7627, 32.6894, 48.7704



47.0792, 32.6894, 27.1209



42.6476, 32.6894, 14.3794

Triad

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



47.0792, 32.6894, 27.1209



22.3271, 32.6894, 13.3756



27.1230, 32.6894, 90.5245

Complementary

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



47.0792, 32.6894, 27.1209



51.6116, 72.2497, 78.9400

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.



21.8042, 32.6894, 71.3271



47.0792, 32.6894, 27.1209



19.3517, 32.6894, 25.0330

Square

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



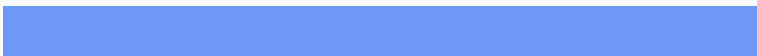
47.0792, 32.6894, 27.1209



27.9509, 32.6894, 8.8387



19.1768, 32.6894, 45.6683



34.4135, 32.6894, 91.8136

Rectangle

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



47.0792, 32.6894, 27.1209



37.9515, 32.6894, 10.2221



19.1768, 32.6894, 45.6683



25.0756, 32.6894, 85.6857

Sweetspot

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



47.0801, 32.6911, 27.1215



78.4165, 74.6861, 78.8369



51.1187, 33.4351, 87.7637



16.3816, 15.3766, 16.1355



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.



47.0801, 32.6911, 27.1215



48.7840, 30.7318, 21.7584



51.3002, 43.3816, 21.5914



15.8836, 15.8032, 16.9434



19.9261, 10.2429, 2.2614



1.6893, 0.8648, 0.3547

Inverse Universe

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



47.0801, 32.6911, 27.1215



48.7840, 30.7318, 21.7584



43.9635, 51.9810, 91.7205



15.8836, 15.8032, 16.9434



19.9261, 10.2429, 2.2614



1.6893, 0.8648, 0.3547

Previews

White Background



This preview shows how the XYZ color 47.0792, 32.6894, 27.1209 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 47.0792, 32.6894, 27.1209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

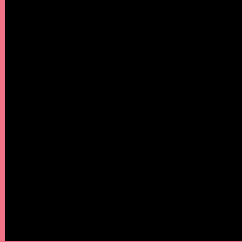
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0792, 32.6894, 27.1209

Background



This preview shows how black text looks on a background with the XYZ color 47.0792, 32.6894, 27.1209.

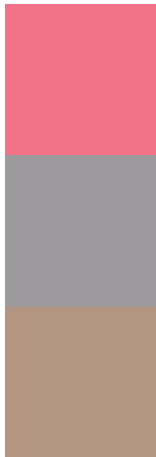


This preview shows how white text looks on a background with the XYZ color 47.0792, 32.6894,

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

47.0792, 32.6894, 27.1209

Protanopia

31.6318, 32.7479, 37.0016

Deuteranopia

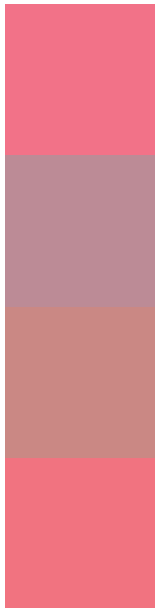
33.3671, 32.6903, 25.6703



Tritanopia

46.1591, 32.6468, 22.9374

Trichromacy



Original Color

47.0792, 32.6894, 27.1209

Protanomaly

35.4767, 31.3586, 33.0372

Deuteranomaly

37.3261, 31.8308, 26.0065

Tritanomaly

46.3026, 32.5208, 24.2588

Monochromacy



Original Color

47.0792, 32.6894, 27.1209

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 47.0792, 32.6894, 27.1209 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 114, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 114, 136) }
```

Border

The CSS property to change the border of an element to XYZ 47.0792, 32.6894, 27.1209 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, 136) }
```


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

```
.border{ border-color:rgb(242, 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(242, 114, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 114, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 114, 136); box-shadow:4px 4px 4px 4px rgb(242, 114, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0792, 32.6894, 27.1209 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, 136) }
```

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

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