

Converting Colors

XYZ(47.0050, 33.0075, 27.5788)

Have a look what the booklet for
XYZ(47.0050, 33.0075, 27.5788)
contains.

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Color

**XYZ(47.0364, 32.9977,
27.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	F17489
RGB	241, 116, 137
RGB Percent	95%, 45%, 54%
CMY	0.0549, 0.5451, 0.4627
CMYK	0.00, 0.52, 0.43, 0.05
HSL	350°, 82%, 70%
HSV	350°, 52%, 95%
XYZ	47.0364, 32.9977, 27.5570
YIQ	155.7690, 67.7590, 33.0310

Conversions

Conversions Part 2

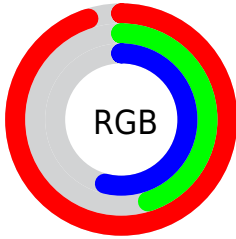
Format	Color
R _Y B	241, 116, 137
Decimal	15824009
CIE Lab	64.16, 49.98, 11.70
CIE LCh	64, 51.327, 13.172
Yxy	32.9977, 0.4372, 0.3067
Android (android.graphics.Color)	4294014089 (0xFFFF17489)
YUV	155.7690, -9.2531, 74.7476
Hunter-Lab	57.4436, 45.6343, 11.7678

Details

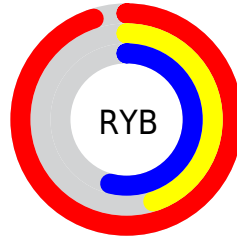
The XYZ color **47.0364, 32.9977, 27.5570** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.5779, 71.7917, 78.8534**, and the grayscale version is **31.5168, 33.1581, 36.1092**.

A 20% lighter version of the original color is **65.0972, 54.1035, 55.7272**, and **22.4990, 13.9571, 10.5250** is the 20% darker color. If you saturate the color by 10%, you get **43.3026, 27.6222, 19.8631**, and if you desaturate by 10%, it is **51.7597, 39.9245, 36.9002**.

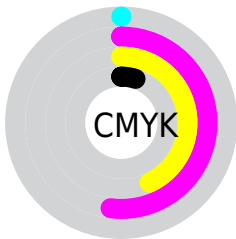
Distribution



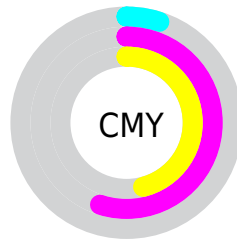
- Red (95%)
- Green (45%)
- Blue (54%)



- Red (95%)
- Yellow (45%)
- Blue (54%)



- Cyan (0%)
- Magenta (52%)
- Yellow (43%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0364, 32.9977, 27.5570 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 47.0364, 32.9977, 27.5570 by changing the saturation by 10% instead.

 47.0364, 32.9977,
27.5570


 47.0364, 32.9977,
27.5570


365.6063,
315.6394, 304.1891


 33.2725, 22.1247,
17.7559


 84.9864, 64.3719,
56.7909

 22.4955, 13.9485,
10.6072


 109.9031, 85.6419,
77.0608

 14.3401, 8.0849,
5.6926


 139.2683,
111.1464, 101.6574

 8.4409, 4.1493,
2.5933

173.4471,
141.2697, 130.9992

 4.4325, 1.7574,
0.8890

212.8049,
176.3963, 165.5047

 1.9496, 0.4604,
0.0000

257.7072,

 0.6054, 0.0000,

216.9105, 205.5925

0.0000

308.5192,
263.1967, 251.6811

■ 0.0000, 0.0000,
0.0000

■ 47.0364, 32.9977,
27.5570

■ 47.0364, 32.9977,
27.5570

■ 43.3026, 27.6222,
19.8631

■ 51.7597, 39.9245,
36.9002

■ 40.4839, 23.6729,
13.7195

■ 57.5345, 48.5045,
47.9799

■ 38.4995, 21.0140,
9.0193


■ 64.4207, 58.8371,
60.8793

■ 37.2522, 19.4807,
5.6405

■ 72.4727, 71.0123,
75.6758

■ 36.6668, 18.8572,
3.7576

■ 81.7417, 85.1140,
92.4420

 90.0856, 97.4408,
108.6677

Harmonies

Analogous

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



46.7347, 32.9977, 48.8079



47.0364, 32.9977, 27.5570



42.7013, 32.9977, 14.9104

Triad

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



47.0364, 32.9977, 27.5570



22.7391, 32.9977, 13.9282



27.4885, 32.9977, 89.4795

Complementary

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



47.0364, 32.9977, 27.5570



51.5779, 71.7917, 78.8534

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.



22.2341, 32.9977, 70.8661



47.0364, 32.9977, 27.5570



19.7967, 32.9977, 25.5417

Square

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



47.0364, 32.9977, 27.5570



28.2848, 32.9977, 9.3476



19.6274, 32.9977, 45.8448



34.6575, 32.9977, 90.6992

Rectangle

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



47.0364, 32.9977, 27.5570



38.1038, 32.9977, 10.7380



19.6274, 32.9977, 45.8448



25.4687, 32.9977, 84.7968

Sweetspot

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



47.0373, 32.9994, 27.5576



78.3954, 74.6777, 78.7258



51.0622, 33.7618, 87.0444



16.3767, 15.3746, 16.1094



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.



47.0373, 32.9994, 27.5576



49.1091, 31.2324, 22.3284



51.2479, 43.6009, 22.2400



15.8811, 15.8022, 16.9301



19.9166, 10.2391, 2.2117



1.6881, 0.8643, 0.3484

Inverse Universe

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



47.0373, 32.9994, 27.5576



49.1091, 31.2324, 22.3284



44.0651, 52.0333, 90.9400



15.8811, 15.8022, 16.9301



19.9166, 10.2391, 2.2117



1.6881, 0.8643, 0.3484

Previews

White Background



This preview shows how the XYZ color 47.0364, 32.9977, 27.5570 looks on a white background.

Color Contrast Check

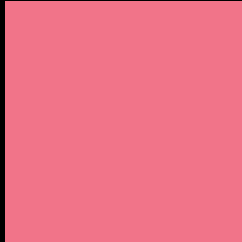
Large Text (above 18pt) WCAG AA × Fail

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 47.0364, 32.9977, 27.5570 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 47.0364, 32.9977, 27.5570

Background



This preview shows how black text looks on a background with the XYZ color 47.0364, 32.9977, 27.5570.



This preview shows how white text looks on a background with the XYZ color 47.0364, 32.9977,

27.5570.

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

47.0364, 32.9977, 27.5570

Protanopia

31.9935, 33.1804, 37.0660

Deuteranopia

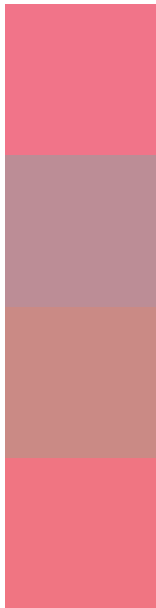
33.8255, 33.1547, 26.0894



Tritanopia

46.1795, 32.9885, 23.6722

Trichromacy



Original Color

47.0364, 32.9977, 27.5570

Protanomaly

35.7689, 31.9431, 33.1346

Deuteranomaly

37.6792, 32.4270, 26.4634

Tritanomaly

46.3257, 32.8596, 25.0200

Monochromacy



Original Color

47.0364, 32.9977, 27.5570

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.4432, 31.7845, 32.7007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0364, 32.9977, 27.5570 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(241, 116, 137)` looks like.

```
.text, #text, p{  
    color:rgb(241, 116, 137)  
}
```

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(241, 116, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 116, 137) }
```

Border

The CSS property to change the border of an element to XYZ 47.0364, 32.9977, 27.5570 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(241, 116, 137) }
```


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

```
.border{ border-color:rgb(241, 116, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 116, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 116, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 116, 137);  
box-shadow:4px 4px 4px 4px rgb(241, 116,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0364, 32.9977, 27.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 116, 137) }
```

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

```
.background{ background-color: rgb(241,  
116, 137) }
```

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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