

Converting Colors

XYZ(47.8388, 33.5834, 27.6278)

Have a look what the booklet for
XYZ(47.8388, 33.5834, 27.6278)
contains.

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Color

**XYZ(47.8388, 33.5834,
27.6278)**

Conversions

Conversions Part 1

Format	Color
Hex	F37589
RGB	243, 117, 137
RGB Percent	95%, 46%, 54%
CMY	0.0471, 0.5411, 0.4627
CMYK	0.00, 0.52, 0.44, 0.05
HSL	350°, 84%, 71%
HSV	350°, 52%, 95%
XYZ	47.8388, 33.5834, 27.6278
YIQ	156.9540, 68.6760, 32.9320

Conversions

Conversions Part 2

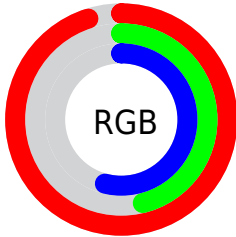
Format	Color
R_{YB}	243, 117, 137
Decimal	15955337
CIE _{Lab}	64.63, 50.18, 12.40
CIE _{LCh}	65, 51.690, 13.881
Yxy	33.5834, 0.4387, 0.3080
Android (android.graphics.Color)	4294145417 (0xFFFF37589)
YUV	156.9540, -9.8373, 75.4623
Hunter-Lab	57.9512, 45.9375, 12.2998

Details

The XYZ color **47.8388, 33.5834, 27.6278** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.7078, 73.2116, 81.1698**, and the grayscale version is **32.0494, 33.7185, 36.7194**.

A 20% lighter version of the original color is **65.2868, 54.4828, 55.7904**, and **23.0262, 14.3104, 10.5654** is the 20% darker color. If you saturate the color by 10%, you get **44.0357, 28.1061, 19.7975**, and if you desaturate by 10%, it is **52.6562, 40.6448, 37.1677**.

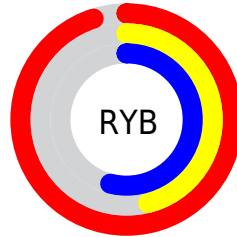
Distribution



Red (95%)

Green (46%)

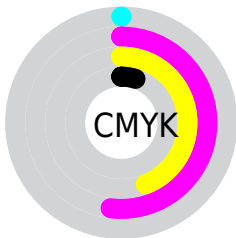
Blue (54%)



Red (95%)

Yellow (46%)

Blue (54%)

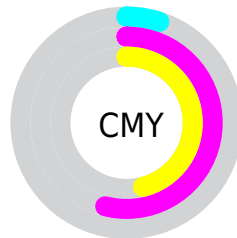


Cyan (0%)

Magenta (52%)

Yellow (44%)

Black (5%)



Cyan (5%)


Magenta (54%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8388, 33.5834, 27.6278 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 47.8388, 33.5834, 27.6278 by changing the saturation by 10% instead.


 47.8388, 33.5834,
27.6278


 47.8388, 33.5834,
27.6278

368.7460,
318.2704, 304.5399


 33.9100, 22.5737,
17.8087


 86.1755, 65.2853,
56.9056

 22.9870, 14.2791,
10.6447


 111.3141, 86.7463,
77.2013

 14.7046, 8.3150,
5.7173


 140.9199,
112.4599, 101.8264

 8.6973, 4.2972,
2.6080

175.3584,
142.8105, 131.1993

 4.5998, 1.8412,
0.8966

214.9949,
178.1824, 165.7385

 2.0467, 0.5126,
0.0000

260.1948,

 0.6600, 0.0000,

218.9602, 205.8627

0.0000

311.3234,
265.5280, 251.9903

■ 0.0000, 0.0000,
0.0000

■ 47.8388, 33.5834,
27.6278

■ 47.8388, 33.5834,
27.6278

■ 44.0357, 28.1061,
19.7975

■ 52.6562, 40.6448,
37.1677

■ 41.1705, 24.0850,
13.5726

■ 58.5518, 49.3945,
48.5090

■ 39.1598, 21.3813,
8.8404

■ 65.5870, 59.9341,
61.7390

■ 37.9039, 19.8262,
5.4719

■ 73.8179, 72.3556,
76.9390

■ 37.3211, 19.1982,
3.6201

■ 83.2971, 86.7446,
94.1853

90.7721, 97.7947,
108.6998

Harmonies

Analogous

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



47.6506, 33.5834, 49.0999



47.8388, 33.5834, 27.6278



43.3253, 33.5834, 14.9541

Triad

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



47.8388, 33.5834, 27.6278



23.0305, 33.5834, 14.3422



28.1270, 33.5834, 91.4161

Complementary

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



47.8388, 33.5834, 27.6278



52.7078, 73.2116, 81.1698

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.



22.7156, 33.5834, 72.7534



47.8388, 33.5834, 27.6278



20.0994, 33.5834, 26.3713

Square

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



47.8388, 33.5834, 27.6278



28.6236, 33.5834, 9.5425



19.9939, 33.5834, 47.2513



35.4603, 33.5834, 92.1775

Rectangle

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



47.8388, 33.5834, 27.6278



38.6094, 33.5834, 10.8092



19.9939, 33.5834, 47.2513



26.0517, 33.5834, 86.7781

Sweetspot

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



47.8397, 33.5851, 27.6284



78.3450, 74.6576, 78.4605



52.6643, 34.7251, 88.7208



16.3648, 15.3699, 16.0470



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.



47.8397, 33.5851, 27.6284



49.0176, 31.1958, 21.8465



52.5724, 45.1372, 22.7734



16.6063, 16.5254, 17.6736



20.5147, 10.5493, 2.1527



1.8339, 0.9395, 0.3520

Inverse Universe

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



47.8397, 33.5851, 27.6284



49.0176, 31.1958, 21.8465



44.4020, 52.0279, 92.4960



16.6063, 16.5254, 17.6736



20.5147, 10.5493, 2.1527



1.8339, 0.9395, 0.3520

Previews

White Background



This preview shows how the XYZ color 47.8388, 33.5834, 27.6278 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 47.8388, 33.5834, 27.6278 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 47.8388, 33.5834, 27.6278

Background



This preview shows how black text looks on a background with the XYZ color 47.8388, 33.5834, 27.6278.



This preview shows how white text looks on a background with the XYZ color 47.8388, 33.5834,

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

47.8388, 33.5834, 27.6278

Protanopia

32.5572, 33.7191, 37.1402

Deuteranopia

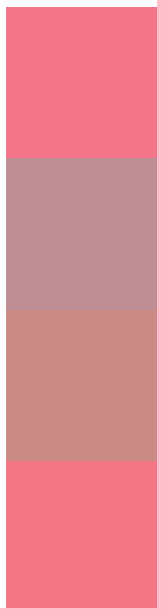
34.2194, 33.5957, 26.1538



Tritanopia

47.0455, 33.6032, 24.0852

Trichromacy



Original Color

47.8388, 33.5834, 27.6278

Protanomaly

36.4132, 32.4952, 33.2072

Deuteranomaly

38.3681, 32.9961, 26.5370

Tritanomaly

47.1931, 33.4728, 25.4463

Monochromacy



Original Color

47.8388, 33.5834, 27.6278

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

35.9171, 32.2394, 33.1839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8388, 33.5834, 27.6278 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, 117, 137)` looks like.

```
.text, #text, p{  
    color:rgb(243, 117, 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(243, 117, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 117, 137) }
```

Border

The CSS property to change the border of an element to XYZ 47.8388, 33.5834, 27.6278 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, 117, 137) }
```


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

```
.border{ border-color:rgb(243, 117, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 117, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 117, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 117, 137);  
box-shadow:4px 4px 4px 4px rgb(243, 117,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8388, 33.5834, 27.6278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 117, 137) }
```

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

```
.background{ background-color: rgb(243,  
117, 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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