

Converting Colors

XYZ(48.2193, 34.9332, 27.6078)

Have a look what the booklet for
XYZ(48.2193, 34.9332, 27.6078)
contains.

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Color

**XYZ(48.1448, 34.8207,
27.4761)**

Conversions

Conversions Part 1

Format	Color
Hex	F27B88
RGB	242, 123, 136
RGB Percent	95%, 48%, 53%
CMY	0.0510, 0.5176, 0.4667
CMYK	0.00, 0.49, 0.44, 0.05
HSL	353°, 82%, 72%
HSV	353°, 49%, 95%
XYZ	48.1448, 34.8207, 27.4761
YIQ	160.0630, 66.7510, 29.2710

Conversions

Conversions Part 2

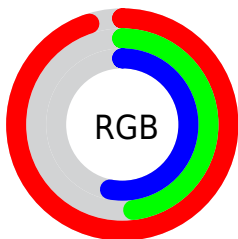
Format	Color
R _Y B	242, 123, 136
Decimal	15891336
CIE Lab	65.61, 46.81, 14.32
CIE LCh	66, 48.951, 17.010
Yxy	34.8207, 0.4359, 0.3153
Android (android.graphics.Color)	4294081416 (0xFFFF27B88)
YUV	160.0630, -11.8631, 71.8587
Hunter-Lab	59.0091, 42.3702, 13.6994

Details

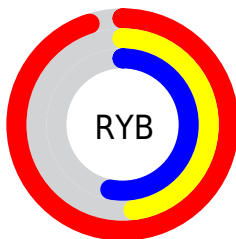
The XYZ color **48.1448, 34.8207, 27.4761** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.0652, 73.3731, 85.4460**, and the grayscale version is **33.4751, 35.2184, 38.3528**.

A 20% lighter version of the original color is **66.3457, 56.7749, 55.6060**, and **23.1613, 14.9973, 10.4781** is the 20% darker color. If you saturate the color by 10%, you get **44.1240, 28.9894, 19.3222**, and if you desaturate by 10%, it is **53.2174, 42.2626, 37.5014**.

Distribution



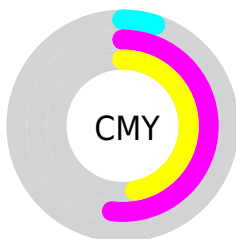
- Red (95%)
- Green (48%)
- Blue (53%)



- Red (95%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (49%)
- Yellow (44%)
- Black (5%)





- Cyan (5%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1448, 34.8207, 27.4761 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 48.1448, 34.8207, 27.4761 by changing the saturation by 10% instead.


 48.1448, 34.8207,
27.4761


 48.1448, 34.8207,
27.4761

369.9388,
323.7762, 303.7878


 34.1533, 23.5248,
17.6955


 86.6283, 67.2079,
56.6599

 23.1748, 14.9815,
10.5644


 111.8511, 89.0680,
76.9002

 14.8441, 8.8064,
5.6643


 141.5483,
115.2183, 101.4642

 8.7956, 4.6151,
2.5766


176.0854,
146.0431, 130.7703

 4.6642, 2.0233,
0.8803

215.8276,
181.9270, 165.2372

 2.0843, 0.6209,
0.0000

261.1403,

 0.6807, 0.0000,

223.2541, 205.2834

0.0000

312.3890,
270.4091, 251.3274

■ 0.0000, 0.0000,
0.0000

■ 48.1448, 34.8207,
27.4761

■ 48.1448, 34.8207,
27.4761

■ 44.1240, 28.9894,
19.3222

■ 53.2174, 42.2626,
37.5014

■ 41.0781, 24.6445,
12.9213

■ 59.4062, 51.4164,
49.5025

■ 38.9239, 21.6525,
8.1445

■ 66.7735, 62.3817,
63.5784

■ 37.5627, 19.8535,
4.8441

■ 75.3762, 75.2487,
79.8210

■ 36.8518, 19.0056,
2.8382

■ 85.2676, 90.1016,
98.3164

■ 36.8091, 18.9537,
2.7208

■ 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.



48.4676, 34.8207, 47.5224



48.1448, 34.8207, 27.4761



43.4397, 34.8207, 15.7100

Triad

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



48.1448, 34.8207, 27.4761



23.9832, 34.8207, 16.8263



30.0863, 34.8207, 91.0201

Complementary

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



48.1448, 34.8207, 27.4761



54.0652, 73.3731, 85.4460

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.



24.5403, 34.8207, 74.8494



48.1448, 34.8207, 27.4761



21.3758, 34.8207, 29.6964

Square

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



48.1448, 34.8207, 27.4761



29.2164, 34.8207, 11.2667



21.5637, 34.8207, 50.7078



37.3048, 34.8207, 89.7382

Rectangle

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



48.1448, 34.8207, 27.4761



38.7912, 34.8207, 11.9072



21.5637, 34.8207, 50.7078



27.9875, 34.8207, 87.2537

Sweetspot

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



48.1457, 34.8225, 27.4767



79.0299, 75.9735, 78.8545



55.1429, 37.0917, 88.2572



16.4897, 15.6250, 16.0722



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.



48.1457, 34.8225, 27.4767



49.6957, 32.6517, 21.7655



54.3110, 48.5426, 25.2484



15.8430, 15.7869, 16.7292



19.7982, 10.1917, 1.5878



1.6700, 0.8571, 0.2533

Inverse Universe

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



48.1457, 34.8225, 27.4767



49.6957, 32.6517, 21.7655



44.0235, 50.2765, 91.3882



15.8430, 15.7869, 16.7292



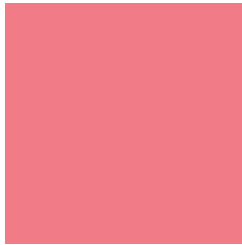
19.7982, 10.1917, 1.5878



1.6700, 0.8571, 0.2533

Previews

White Background



This preview shows how the XYZ color 48.1448, 34.8207, 27.4761 looks on a white background.

Color Contrast Check

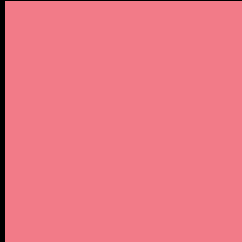
Large Text (above 18pt) WCAG AA × Fail

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 48.1448, 34.8207, 27.4761 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 48.1448, 34.8207, 27.4761

Background



This preview shows how black text looks on a background with the XYZ color 48.1448, 34.8207, 27.4761.



This preview shows how white text looks on a background with the XYZ color 48.1448, 34.8207,

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

48.1448, 34.8207, 27.4761

Protanopia

33.6244, 35.0553, 36.0045

Deuteranopia

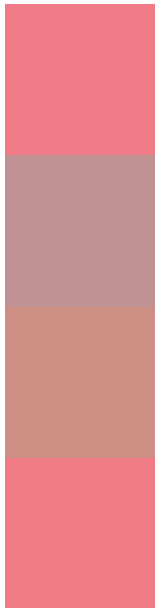
35.6599, 35.0642, 26.3613



Tritanopia

47.9905, 34.9585, 26.0481

Trichromacy



Original Color

48.1448, 34.8207, 27.4761

Protanomaly

37.3624, 33.9024, 32.5916

Deuteranomaly

39.5097, 34.4602, 26.7594

Tritanomaly

48.0592, 34.9860, 26.4103

Monochromacy



Original Color

48.1448, 34.8207, 27.4761

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.2548, 34.0490, 33.8867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1448, 34.8207, 27.4761 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, 123, 136)` looks like.

```
.text, #text, p{  
    color:rgb(242, 123, 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, 123, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 123, 136) }
```

Border

The CSS property to change the border of an element to XYZ 48.1448, 34.8207, 27.4761 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, 123, 136) }
```


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

```
.border{ border-color:rgb(242, 123, 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, 123, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 123, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 123, 136);  
box-shadow:4px 4px 4px 4px rgb(242, 123,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1448, 34.8207, 27.4761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 123, 136) }
```

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

```
.background{ background-color: rgb(242,  
123, 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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