

Converting Colors

XYZ(49.0082, 35.3238, 17.2075)

Have a look what the booklet for
XYZ(49.0082, 35.3238, 17.2075)
contains.

XYZ(48.8826, 35.2425, 17.3228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.8826, 35.2425,
17.3228)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7A68
RGB	250, 122, 104
RGB Percent	98%, 48%, 41%
CMY	0.0196, 0.5215, 0.5922
CMYK	0.00, 0.51, 0.58, 0.02
HSL	7°, 94%, 69%
HSV	7°, 58%, 98%
XYZ	48.8826, 35.2425, 17.3228
YIQ	158.2200, 82.0660, 21.5380

Conversions

Conversions Part 2

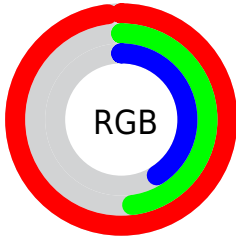
Format	Color
R _Y B	250, 125, 104
Decimal	16415336
CIE Lab	65.94, 47.42, 32.90
CIE LCh	66, 57.716, 34.752
Yxy	35.2425, 0.4818, 0.3474
Android (android.graphics.Color)	4294605416 (0xFFFA7A68)
YUV	158.2200, -26.7305, 80.4911
Hunter-Lab	59.3654, 43.0909, 24.2550

Details

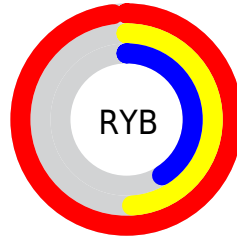
The XYZ color **48.8826, 35.2425, 17.3228** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **51.8190, 67.5546, 100.7504**, and the grayscale version is **32.6918, 34.3943, 37.4554**.

A 20% lighter version of the original color is **62.8785, 55.0708, 38.3260**, and **23.5810, 15.2331, 5.4388** is the 20% darker color. If you saturate the color by 10%, you get **45.4015, 30.0203, 10.7989**, and if you desaturate by 10%, it is **53.3485, 41.8325, 26.0320**.

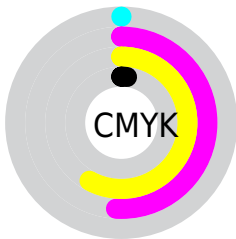
Distribution



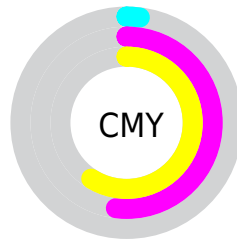
- Red (98%)
- Green (48%)
- Blue (41%)



- Red (98%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (51%)
- Yellow (58%)
- Black (2%)





- Cyan (2%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8826, 35.2425, 17.3228 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 48.8826, 35.2425, 17.3228 by changing the saturation by 10% instead.


 48.8826, 35.2425,
17.3228


 48.8826, 35.2425,
17.3228


372.8046,
325.6374, 249.1324

 34.7405, 23.8497,
10.3005


 87.7188, 67.8613,
39.6782


 23.6286, 15.2222,
5.4905


 113.1437, 89.8561,
55.8484

 15.1816, 8.9755,
2.4741


 143.0602,
116.1537, 75.9049

 9.0341, 4.7252,
0.8264

 177.8337,
147.1384, 100.2664

 4.8207, 2.0869,
0.0000

217.8295,
183.1948, 129.3514

 2.1761, 0.6573,
0.0000

263.4130,

 0.7301, 0.0000,

224.7072, 163.5783

0.0000

314.9496,
272.0599, 203.3658

■ 0.0000, 0.0000,
0.0000

■ 48.8826, 35.2425,
17.3228

■ 48.8826, 35.2425,
17.3228

■ 45.4015, 30.0203,
10.7989

■ 53.3485, 41.8325,
26.0320

■ 42.8269, 26.0639,
6.2638

■ 58.8644, 49.8717,
37.0960

■ 41.0727, 23.2660,
3.4885

■ 65.4925, 59.4416,
50.6699

■ 40.0280, 21.4964,
2.1544

■ 73.2897, 70.6161,
66.8949

■ 39.9099, 21.2952,
2.0069

■ 82.3088, 83.4643,
85.9015

92.5995, 98.0512,
107.8120

93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



52.6725, 35.2425, 34.6076



48.8826, 35.2425, 17.3228



41.0013, 35.2425, 9.6172

Triad

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



48.8826, 35.2425, 17.3228



20.7310, 35.2425, 21.6049



34.8758, 35.2425, 106.9156

Complementary

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



48.8826, 35.2425, 17.3228



51.8190, 67.5546, 100.7504

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.



26.9691, 35.2425, 98.5664



48.8826, 35.2425, 17.3228



19.6519, 35.2425, 42.4023

Square

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



48.8826, 35.2425, 17.3228



24.9810, 35.2425, 11.2504



21.7347, 35.2425, 71.9098



43.7569, 35.2425, 91.4384

Rectangle

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



48.8826, 35.2425, 17.3228



35.0217, 35.2425, 8.0086



21.7347, 35.2425, 71.9098



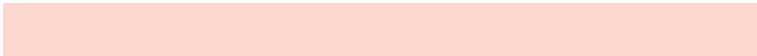
32.0171, 35.2425, 106.8452

Sweetspot

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



48.8834, 35.2444, 17.3234



77.0006, 74.3477, 70.6787



59.0778, 36.1061, 80.9211



15.9420, 15.1425, 14.0001



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.



48.8834, 35.2444, 17.3234



46.9780, 30.6209, 10.3634



61.2222, 59.9219, 21.4363



17.4171, 17.5700, 17.9358



21.2238, 11.4042, 1.0826



2.0187, 1.1623, 0.1179

Inverse Universe

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



51.8190, 67.5546, 100.7504



50.2050, 67.0464, 104.9029



35.5294, 34.9755, 95.3205



17.5724, 19.2217, 22.1693



22.6850, 30.7257, 52.7086



2.1507, 2.9451, 4.8983

Previews

White Background



This preview shows how the XYZ color 48.8826, 35.2425, 17.3228 looks on a white background.

Color Contrast Check

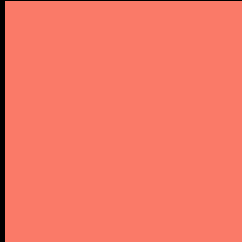
Large Text (above 18pt) WCAG AA × Fail

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 48.8826, 35.2425, 17.3228 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 48.8826, 35.2425, 17.3228

Background



This preview shows how black text looks on a background with the XYZ color 48.8826, 35.2425, 17.3228.



This preview shows how white text looks on a background with the XYZ color 48.8826, 35.2425,

17.3228.

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

48.8826, 35.2425, 17.3228

Protanopia

32.9742, 35.2683, 22.8388

Deuteranopia

35.8440, 35.1336, 16.4476



Tritanopia

50.2113, 35.2352, 24.2333

Trichromacy



Original Color

48.8826, 35.2425, 17.3228

Protanomaly

37.1356, 34.0520, 20.5350

Deuteranomaly

39.7048, 34.5622, 16.6351

Tritanomaly

49.8299, 35.2741, 21.6350

Monochromacy



Original Color

48.8826, 35.2425, 17.3228

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

36.1987, 33.1621, 28.5378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8826, 35.2425, 17.3228 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(250, 122, 104)` looks like.

```
.text, #text, p{  
    color:rgb(250, 122, 104)  
}
```

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(250, 122, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 122, 104) }
```

Border

The CSS property to change the border of an element to XYZ 48.8826, 35.2425, 17.3228 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(250, 122, 104) }
```


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

```
.border{ border-color:rgb(250, 122, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 122, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 122, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 122, 104);  
box-shadow:4px 4px 4px 4px rgb(250, 122,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8826, 35.2425, 17.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 122, 104) }
```

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

```
.background{ background-color: rgb(250,  
122, 104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor