

Converting Colors

XYZ(48.1013, 35.7459, 25.8551)

Have a look what the booklet for
XYZ(48.1013, 35.7459, 25.8551)
contains.

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Color

**XYZ(48.0915, 35.7778,
25.8438)**

Conversions

Conversions Part 1

Format	Color
Hex	F18083
RGB	241, 128, 131
RGB Percent	95%, 50%, 51%
CMY	0.0549, 0.4980, 0.4863
CMYK	0.00, 0.47, 0.46, 0.05
HSL	358°, 80%, 72%
HSV	358°, 47%, 95%
XYZ	48.0915, 35.7778, 25.8438
YIQ	162.1290, 66.3850, 24.8890

Conversions

Conversions Part 2

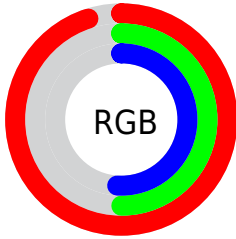
Format	Color
R _Y B	241, 128, 131
Decimal	15827075
CIE Lab	66.35, 43.47, 18.15
CIE LCh	66, 47.107, 22.664
Yxy	35.7778, 0.4383, 0.3261
Android (android.graphics.Color)	4294017155 (0xFFFF18083)
YUV	162.1290, -15.3466, 69.1699
Hunter-Lab	59.8145, 38.8403, 16.2530

Details

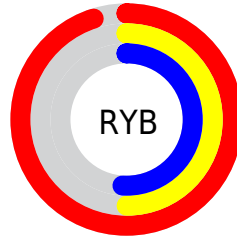
The XYZ color **48.0915, 35.7778, 25.8438** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.7918, 73.6735, 92.1734**, and the grayscale version is **34.4520, 36.2462, 39.4721**.

A 20% lighter version of the original color is **66.8252, 58.5877, 53.1339**, and **23.0951, 15.4651, 9.7505** is the 20% darker color. If you saturate the color by 10%, you get **43.8988, 29.6556, 17.4696**, and if you desaturate by 10%, it is **53.3925, 43.5405, 36.3642**.

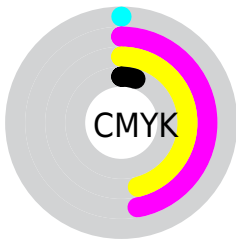
Distribution



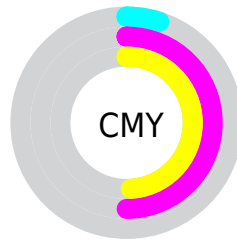
- Red (95%)
- Green (50%)
- Blue (51%)



- Red (95%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0915, 35.7778, 25.8438 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 48.0915, 35.7778, 25.8438 by changing the saturation by 10% instead.


 48.0915, 35.7778,
25.8438


 48.0915, 35.7778,
25.8438


369.7313,
327.9883, 295.5955

 34.1109, 24.2626,
16.4821


 86.5495, 68.6890,
54.0038

 23.1421, 15.5286,
9.7079


 111.7576, 90.8538,
73.6393

 14.8197, 9.1912,
5.1027

 141.4389,
117.3372, 97.5363

 8.7785, 4.8661,
2.2478

175.9588,
148.5237, 126.1136

 4.6529, 2.1689,
0.7018

215.6827,
184.7977, 159.7896

 2.0777, 0.7030,
0.0000

260.9758,

 0.6771, 0.0000,

226.5435, 198.9829

0.0000

312.2035,
274.1456, 244.1120

■ 0.0000, 0.0000,
0.0000

■ 48.0915, 35.7778,
25.8438

■ 48.0915, 35.7778,
25.8438

■ 43.8988, 29.6556,
17.4696

■ 53.3925, 43.5405,
36.3642

■ 40.7334, 25.0512,
11.0920

■ 59.8697, 53.0439,
49.1624

■ 38.5075, 21.8336,
6.5456

■ 67.5890, 64.3868,
64.3618

■ 37.1179, 19.8473,
3.6376

■ 76.6104, 77.6589,
82.0764

■ 36.4342, 18.8946,
2.1314

■ 86.9901, 92.9441,
102.4129

■ 36.3105, 18.7147,
1.8819

■ 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



49.2787, 35.7778, 44.1195



48.0915, 35.7778, 25.8438



42.8954, 35.7778, 15.5443

Triad

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



48.0915, 35.7778, 25.8438



24.3370, 35.7778, 19.8544



32.3062, 35.7778, 91.4555

Complementary

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



48.0915, 35.7778, 25.8438



55.7918, 73.6735, 92.1734

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.



26.4378, 35.7778, 78.6328



48.0915, 35.7778, 25.8438



22.2676, 35.7778, 34.2119

Square

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



48.0915, 35.7778, 25.8438



29.0510, 35.7778, 13.0123



22.9799, 35.7778, 55.8883



39.4940, 35.7778, 86.8082

Rectangle

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



48.0915, 35.7778, 25.8438



38.2015, 35.7778, 12.4278



22.9799, 35.7778, 55.8883



30.1290, 35.7778, 88.9285

Sweetspot

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



48.0924, 35.7796, 25.8445



79.6007, 77.2601, 78.5983



58.6002, 39.8358, 87.8193



16.5854, 15.8715, 15.9341



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.



48.0924, 35.7796, 25.8445



50.2077, 34.1531, 20.4639



56.6427, 53.2003, 27.7078



15.7898, 15.7656, 16.4492



19.6981, 10.1517, 1.0610



1.6446, 0.8469, 0.1195

Inverse Universe

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



48.0924, 35.7796, 25.8445



50.2077, 34.1531, 20.4639



42.8212, 47.0224, 90.0381



15.7898, 15.7656, 16.4492



19.6981, 10.1517, 1.0610



1.6446, 0.8469, 0.1195

Previews

White Background



This preview shows how the XYZ color 48.0915, 35.7778, 25.8438 looks on a white background.

Color Contrast Check

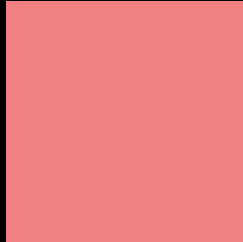
Large Text (above 18pt) WCAG AA × Fail

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 48.0915, 35.7778, 25.8438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

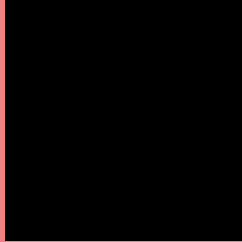
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0915, 35.7778, 25.8438

Background



This preview shows how black text looks on a background with the XYZ color 48.0915, 35.7778, 25.8438.



This preview shows how white text looks on a background with the XYZ color 48.0915, 35.7778,

25.8438.

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

48.0915, 35.7778, 25.8438

Protanopia

34.1598, 35.9212, 32.7368

Deuteranopia

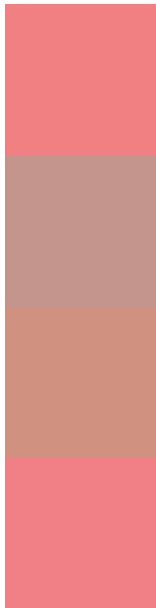
36.4735, 35.7679, 24.7202



Tritanopia

48.3089, 35.6571, 27.6289

Trichromacy



Original Color

48.0915, 35.7778, 25.8438

Protanomaly

38.0608, 35.0201, 29.9528

Deuteranomaly

40.0341, 35.2192, 25.1100

Tritanomaly

48.1681, 35.6007, 26.8872

Monochromacy



Original Color

48.0915, 35.7778, 25.8438

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.9781, 35.1234, 34.0560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0915, 35.7778, 25.8438 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, 128, 131)` looks like.

```
.text, #text, p{  
    color:rgb(241, 128, 131)  
}
```

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, 128, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 128, 131) }
```

Border

The CSS property to change the border of an element to XYZ 48.0915, 35.7778, 25.8438 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, 128, 131) }
```


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

```
.border{ border-color:rgb(241, 128, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 128, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 128, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 128, 131);  
box-shadow:4px 4px 4px 4px rgb(241, 128,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0915, 35.7778, 25.8438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 128, 131) }
```

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

```
.background{ background-color: rgb(241,  
128, 131) }
```

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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