

Converting Colors

XYZ(48.4129, 34.1035, 31.0117)

Have a look what the booklet for
XYZ(48.4129, 34.1035, 31.0117)
contains.

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Color

**XYZ(48.3256, 34.1152,
30.8259)**

Conversions

Conversions Part 1

Format	Color
Hex	F27791
RGB	242, 119, 145
RGB Percent	95%, 47%, 57%
CMY	0.0510, 0.5333, 0.4314
CMYK	0.00, 0.51, 0.40, 0.05
HSL	347°, 83%, 71%
HSV	347°, 51%, 95%
XYZ	48.3256, 34.1152, 30.8259
YIQ	158.7410, 64.9620, 34.1620

Conversions

Conversions Part 2

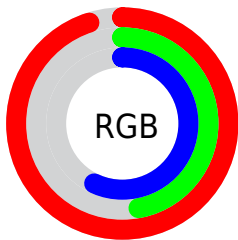
Format	Color
<code>RGB</code>	<code>242, 119, 145</code>
Decimal	<code>15890321</code>
CIE Lab	<code>65.05, 49.70, 8.42</code>
CIE LCh	<code>65, 50.409, 9.619</code>
Yxy	<code>34.1152, 0.4267, 0.3012</code>
Android (<code>android.graphics.Color</code>)	<code>4294080401</code> (<code>0xFFFF27791</code>)
YUV	<code>158.7410, -6.7743, 73.0181</code>
Hunter-Lab	<code>58.4082, 45.4724, 9.5945</code>

Details

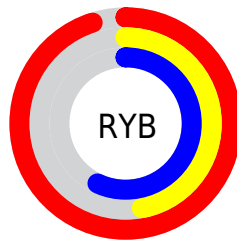
The XYZ color **48.3256, 34.1152, 30.8259** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.7563, 72.3849, 76.2139**, and the grayscale version is **32.8466, 34.5572, 37.6328**.

A 20% lighter version of the original color is **66.6849, 55.6556, 61.2608**, and **23.2473, 14.5519, 12.4100** is the 20% darker color. If you saturate the color by 10%, you get **44.4532, 28.5311, 22.8741**, and if you desaturate by 10%, it is **53.1802, 41.2679, 40.3254**.

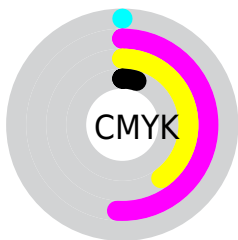
Distribution



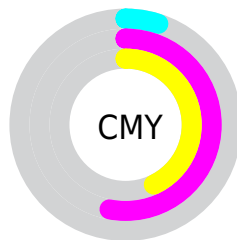
- Red (95%)
- Green (47%)
- Blue (57%)



- Red (95%)
- Yellow (47%)
- Blue (57%)



- Cyan (0%)
- Magenta (51%)
- Yellow (40%)
- Black (5%)




- Cyan (5%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3256, 34.1152, 30.8259 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 48.3256, 34.1152, 30.8259 by changing the saturation by 10% instead.

 48.3256, 34.1152,
30.8259


 48.3256, 34.1152,
30.8259

370.6424,
320.6454, 320.0618


 34.2971, 22.9821,
20.2090


 86.8958, 66.1128,
62.0422

 23.2859, 14.5803,
12.3614


 112.1682, 87.7461,
83.4787

 14.9266, 8.5254,
6.8648


 141.9192,
113.6482, 109.3587

 8.8539, 4.4329,
3.3005

176.5144,
144.2036, 140.1009

 4.7023, 1.9186,
1.2501

216.3189,
179.7966, 176.1238

 2.1066, 0.5595,
0.0203

261.6982,

 0.6928, 0.0000,

220.8116, 217.8458

0.0000

313.0176,
267.6331, 265.6857

■ 0.0000, 0.0000,
0.0000

■ 48.3256, 34.1152,
30.8259

■ 48.3256, 34.1152,
30.8259

■ 44.4532, 28.5311,
22.8741

■ 53.1802, 41.2679,
40.3254

■ 41.4912, 24.3919,
16.3843

■ 59.0765, 50.0902,
51.4483

■ 39.3618, 21.5635,
11.2647

■ 66.0726, 60.6807,
64.2671

■ 37.9724, 19.8845,
7.4116

■ 74.2213, 73.1290,
78.8497

■ 37.2187, 19.1175,
4.8772

■ 83.5720, 87.5184,
95.2601

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.



47.4420, 34.1152, 52.9771



48.3256, 34.1152, 30.8259



44.4833, 34.1152, 16.9571

Triad

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



48.3256, 34.1152, 30.8259



24.2736, 34.1152, 13.9886



27.7789, 34.1152, 89.0026

Complementary

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



48.3256, 34.1152, 30.8259



51.7563, 72.3849, 76.2139

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.



22.7710, 34.1152, 69.1260



48.3256, 34.1152, 30.8259



20.9679, 34.1152, 24.8315

Square

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



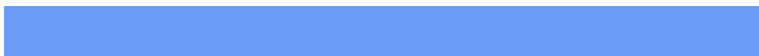
48.3256, 34.1152, 30.8259



30.1364, 34.1152, 9.9378



20.4625, 34.1152, 44.2750



34.8276, 34.1152, 92.5427

Rectangle

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



48.3256, 34.1152, 30.8259



40.0546, 34.1152, 12.1403



20.4625, 34.1152, 44.2750



25.8324, 34.1152, 83.7324

Sweetspot

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



48.3265, 34.1170, 30.8265



79.5564, 76.1841, 81.6273



50.7524, 34.1065, 87.9126



16.6148, 15.6750, 16.7311



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.



48.3265, 34.1170, 30.8265



49.9317, 31.9440, 25.4805



51.4798, 43.2727, 23.0942



15.9095, 15.8135, 17.0795



20.0344, 10.2862, 2.8318



1.7020, 0.8698, 0.4214

Inverse Universe

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



48.3265, 34.1170, 30.8265



49.9317, 31.9440, 25.4805



45.9854, 55.0326, 92.2030



15.9095, 15.8135, 17.0795



20.0344, 10.2862, 2.8318



1.7020, 0.8698, 0.4214

Previews

White Background



This preview shows how the XYZ color 48.3256, 34.1152, 30.8259 looks on a white background.

Color Contrast Check

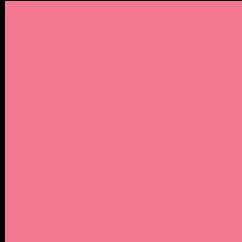
Large Text (above 18pt) WCAG AA × Fail

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 48.3256, 34.1152, 30.8259 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 48.3256, 34.1152, 30.8259

Background



This preview shows how black text looks on a background with the XYZ color 48.3256, 34.1152, 30.8259.



This preview shows how white text looks on a background with the XYZ color 48.3256, 34.1152,

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

48.3256, 34.1152, 30.8259

Protanopia

33.2380, 34.2380, 40.9332

Deuteranopia

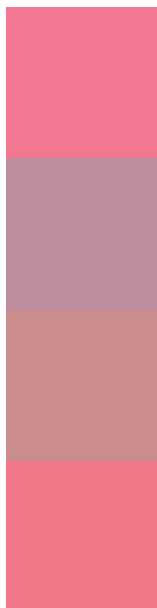
34.7108, 34.0239, 29.1639



Tritanopia

47.2644, 34.2315, 25.2353

Trichromacy



Original Color

48.3256, 34.1152, 30.8259

Protanomaly

36.9803, 32.9324, 36.7553

Deuteranomaly

38.8144, 33.3758, 29.5957

Tritanomaly

47.4862, 34.1248, 27.0056

Monochromacy



Original Color

48.3256, 34.1152, 30.8259

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.7923, 33.0984, 35.0213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3256, 34.1152, 30.8259 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, 119, 145)` looks like.

```
.text, #text, p{  
    color:rgb(242, 119, 145)  
}
```

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, 119, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 119, 145) }
```

Border

The CSS property to change the border of an element to XYZ 48.3256, 34.1152, 30.8259 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, 119, 145) }
```


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

```
.border{ border-color:rgb(242, 119, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 119, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 119, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 119, 145);  
box-shadow:4px 4px 4px 4px rgb(242, 119,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3256, 34.1152, 30.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 119, 145) }
```

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

```
.background{ background-color: rgb(242,  
119, 145) }
```

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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