

Converting Colors

XYZ(48.6187, 34.1931, 33.9978)

Have a look what the booklet for
XYZ(48.6187, 34.1931, 33.9978)
contains.

XYZ(48.6222, 34.1943, 34.1745)	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(48.6222, 34.1943,
34.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	F17799
RGB	241, 119, 153
RGB Percent	95%, 47%, 60%
CMY	0.0549, 0.5333, 0.4000
CMYK	0.00, 0.51, 0.37, 0.05
HSL	343°, 81%, 71%
HSV	343°, 51%, 95%
XYZ	48.6222, 34.1943, 34.1745
YIQ	159.3540, 61.7980, 36.4380

Conversions

Conversions Part 2

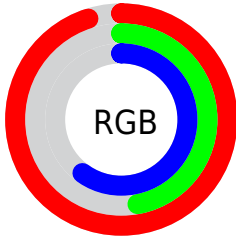
Format	Color
R _Y B	241, 119, 153
Decimal	15824793
CIE Lab	65.12, 50.25, 3.94
CIE LCh	65, 50.399, 4.481
Yxy	34.1943, 0.4156, 0.2923
Android (android.graphics.Color)	4294014873 (0xFFFF17799)
YUV	159.3540, -3.1325, 71.6035
Hunter-Lab	58.4759, 46.0884, 6.2828

Details

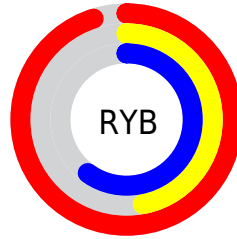
The XYZ color **48.6222, 34.1943, 34.1745** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.3273, 71.3383, 70.1526**, and the grayscale version is **33.1118, 34.8362, 37.9366**.

A 20% lighter version of the original color is **67.6385, 56.0371, 66.2828**, and **23.3446, 14.5637, 14.1510** is the 20% darker color. If you saturate the color by 10%, you get **44.7762, 28.6351, 26.3170**, and if you desaturate by 10%, it is **53.4064, 41.2947, 43.3774**.

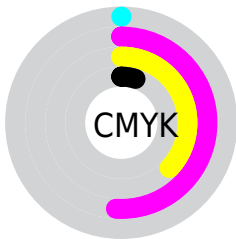
Distribution



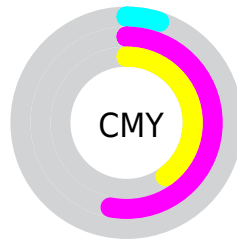
- Red (95%)
- Green (47%)
- Blue (60%)



- Red (95%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (51%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6222, 34.1943, 34.1745 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 48.6222, 34.1943, 34.1745 by changing the saturation by 10% instead.


 48.6222, 34.1943,
34.1745


 48.6222, 34.1943,
34.1745


371.7948,
320.9976, 335.7023


 34.5332, 23.0429,
22.7492


 87.3342, 66.2357,
67.3419

 23.4683, 14.6252,
14.2049


 112.6879, 87.8945,
89.9212

 15.0623, 8.5568,
8.1229


 142.5271,
113.8246, 117.0555

 8.9497, 4.4532,
4.0848

177.2173,
144.4103, 149.1635

 4.7652, 1.9302,
1.6720

217.1238,
180.0360, 186.6636

 2.1435, 0.5664,
0.3414

262.6120,

 0.7127, 0.0000,

221.0862, 229.9744

0.0000

314.0472,
267.9453, 279.5145

■ 0.0000, 0.0000,
0.0000

■ 48.6222, 34.1943,
34.1745

■ 48.6222, 34.1943,
34.1745

■ 44.7762, 28.6351,
26.3170

■ 53.4064, 41.2947,
43.3774

■ 41.8004, 24.4963,
19.7370

■ 59.1846, 50.0351,
53.9853

■ 39.6220, 21.6471,
14.3628


■ 66.0115, 60.5117,
66.0560

■ 38.1535, 19.9298,
10.1136

■ 73.9370, 72.8121,
79.6436

■ 37.2934, 19.1079,
7.0573

■ 83.0075, 87.0178,
94.7993

 90.0856, 97.4408,
108.6677

Harmonies

Analogous

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



46.9055, 34.1943, 57.4035



48.6222, 34.1943, 34.1745



45.5170, 34.1943, 18.7770

Triad

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



48.6222, 34.1943, 34.1745



25.1755, 34.1943, 12.9325



26.8141, 34.1943, 86.6498

Complementary

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



48.6222, 34.1943, 34.1745



50.3273, 71.3383, 70.1526

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.



22.2374, 34.1943, 64.9847



48.6222, 34.1943, 34.1745



21.3956, 34.1943, 22.4441

Square

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



48.6222, 34.1943, 34.1745



31.4148, 34.1943, 9.7938



20.4062, 34.1943, 40.4662



33.6112, 34.1943, 93.5028

Rectangle

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



48.6222, 34.1943, 34.1745



41.3688, 34.1943, 13.1401



20.4062, 34.1943, 40.4662



25.0001, 34.1943, 80.5420

Sweetspot

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



48.6231, 34.1960, 34.1751



79.9101, 76.3256, 83.4896



48.0495, 32.7304, 87.0042



16.6991, 15.7087, 17.1750



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.



48.6231, 34.1960, 34.1751



50.6870, 32.2461, 29.4577



49.7984, 40.4180, 22.6318



15.9538, 15.8312, 17.3130



20.2726, 10.3815, 4.0859



1.7273, 0.8800, 0.5547

Inverse Universe

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



48.6231, 34.1960, 34.1751



50.6870, 32.2461, 29.4577



47.6765, 58.6546, 92.0277



15.9538, 15.8312, 17.3130



20.2726, 10.3815, 4.0859



1.7273, 0.8800, 0.5547

Previews

White Background



This preview shows how the XYZ color 48.6222, 34.1943, 34.1745 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 48.6222, 34.1943, 34.1745 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 48.6222, 34.1943, 34.1745

Background



This preview shows how black text looks on a background with the XYZ color 48.6222, 34.1943, 34.1745.



This preview shows how white text looks on a background with the XYZ color 48.6222, 34.1943,

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

48.6222, 34.1943, 34.1745

Protanopia

33.5051, 34.2770, 45.4077

Deuteranopia

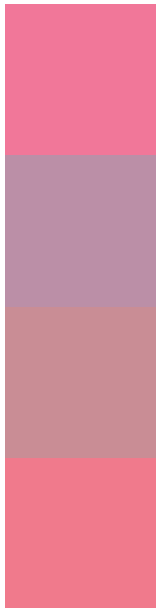
35.0178, 34.3540, 32.3891



Tritanopia

46.8444, 34.1826, 25.9587

Trichromacy



Original Color

48.6222, 34.1943, 34.1745

Protanomaly

37.2910, 32.9997, 40.9634

Deuteranomaly

39.0371, 33.6372, 32.8689

Tritanomaly

47.6283, 34.3378, 28.9285

Monochromacy



Original Color

48.6222, 34.1943, 34.1745

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.0453, 33.1997, 36.3540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6222, 34.1943, 34.1745 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, 119, 153)` looks like.

```
.text, #text, p{  
    color:rgb(241, 119, 153)  
}
```

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, 119, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 119, 153) }
```

Border

The CSS property to change the border of an element to XYZ 48.6222, 34.1943, 34.1745 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, 119, 153) }
```


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

```
.border{ border-color:rgb(241, 119, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 119, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 119, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 119, 153);  
box-shadow:4px 4px 4px 4px rgb(241, 119,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6222, 34.1943, 34.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 119, 153) }
```

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

```
.background{ background-color: rgb(241,  
119, 153) }
```

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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