

Converting Colors

XYZ(48.8528, 34.9524, 35.9878)

Have a look what the booklet for
XYZ(48.8528, 34.9524, 35.9878)
contains.

XYZ(48.7654, 34.9510, 36.0743)	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(48.7654, 34.9510,
36.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7B9D
RGB	239, 123, 157
RGB Percent	94%, 48%, 62%
CMY	0.0627, 0.5176, 0.3843
CMYK	0.00, 0.49, 0.34, 0.06
HSL	342°, 78%, 71%
HSV	342°, 49%, 94%
XYZ	48.7654, 34.9510, 36.0743
YIQ	161.5600, 58.2220, 35.1660

Conversions

Conversions Part 2

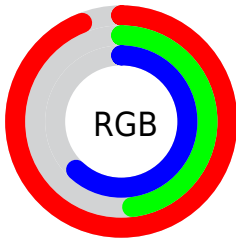
Format	Color
RYB	239, 123, 157
Decimal	15694749
CIELab	65.71, 48.08, 2.49
CIELCh	66, 48.141, 2.963
Yxy	34.9510, 0.4071, 0.2918
Android (android.graphics.Color)	4293884829 (0xFFEF7B9D)
YUV	161.5600, -2.2481, 67.9149
Hunter-Lab	59.1194, 43.7792, 5.2051

Details

The XYZ color **48.7654, 34.9510, 36.0743** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.0561, 70.3526, 68.7028**, and the grayscale version is **34.1292, 35.9066, 39.1023**.

A 20% lighter version of the original color is **68.9183, 57.8039, 69.1529**, and **23.6141, 15.1242, 15.3103** is the 20% darker color. If you saturate the color by 10%, you get **44.8100, 29.1913, 28.1243**, and if you desaturate by 10%, it is **53.6458, 42.2412, 45.3175**.

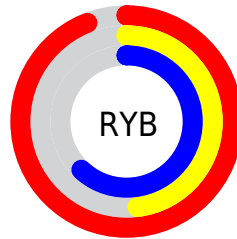
Distribution



Red (94%)

Green (48%)

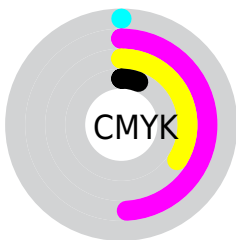
Blue (62%)



Red (94%)

Yellow (48%)

Blue (62%)

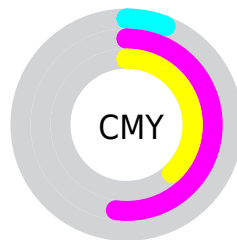


Cyan (0%)

Magenta (49%)

Yellow (34%)

Black (6%)



Cyan (6%)


Magenta (52%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7654, 34.9510, 36.0743 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 48.7654, 34.9510, 36.0743 by changing the saturation by 10% instead.

 48.7654, 34.9510,
36.0743


 48.7654, 34.9510,
36.0743


372.3503,
324.3520, 344.3324


 34.6472, 23.6251,
24.2014


 87.5457, 67.4099,
70.3171

 23.5565, 15.0558,
15.2695


 112.9386, 89.3116,
93.5240

 15.1279, 8.8585,
8.8600


 142.8203,
115.5075, 121.3462

 8.9961, 4.6490,
4.5544

177.5564,
146.3818, 154.2019

 4.7957, 2.0428,
1.9342

217.5120,
182.3191, 192.5099

 2.1614, 0.6322,
0.5144

263.0527,

 0.7223, 0.0000,

223.7036, 236.6886

0.0000

314.5436,
270.9198, 287.1566

■ 0.0000, 0.0000,
0.0000

■ 48.7654, 34.9510,
36.0743

■ 48.7654, 34.9510,
36.0743

■ 44.8100, 29.1913,
28.1243

■ 53.6458, 42.2412,
45.3175

■ 41.7151, 24.8463,
21.4049

■ 59.5043, 51.1562,
55.9083

■ 39.4118, 21.7925,
15.8505

■ 66.3930, 61.7885,
67.9005

■ 37.8188, 19.8817,
11.3878

■ 74.3596, 74.2225,
81.3439

■ 36.8215, 18.9016,
7.9283

■ 83.4488, 88.5369,
96.2861

■ 36.7035, 18.7935,
7.4945

■ 89.4066, 97.0907,
108.6359

Harmonies

Analogous

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



46.8906, 34.9510, 58.6868



48.7654, 34.9510, 36.0743



46.0101, 34.9510, 20.5308

Triad

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



48.7654, 34.9510, 36.0743



26.3456, 34.9510, 13.8109



27.4045, 34.9510, 84.4552

Complementary

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



48.7654, 34.9510, 36.0743



50.0561, 70.3526, 68.7028

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.



23.0512, 34.9510, 63.4741



48.7654, 34.9510, 36.0743



22.5037, 34.9510, 22.9339

Square

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



48.7654, 34.9510, 36.0743



32.5206, 34.9510, 10.8782



21.3884, 34.9510, 40.1084



33.9291, 34.9510, 91.8249

Rectangle

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



48.7654, 34.9510, 36.0743



42.1190, 34.9510, 14.6360



21.3884, 34.9510, 40.1084



25.6718, 34.9510, 78.4651

Sweetspot

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



48.7664, 34.9528, 36.0750



79.9865, 76.3561, 83.8920



47.6211, 33.2656, 85.5725



16.7174, 15.7160, 17.2711



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.



48.7664, 34.9528, 36.0750



52.0490, 34.0126, 32.8641



49.4829, 40.4022, 23.9316



15.9633, 15.8351, 17.3632



20.3328, 10.4055, 4.4031



1.7333, 0.8824, 0.5866

Inverse Universe

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



48.7664, 34.9528, 36.0750



52.0490, 34.0126, 32.8641



48.2544, 59.4536, 90.5939



15.9633, 15.8351, 17.3632



20.3328, 10.4055, 4.4031



1.7333, 0.8824, 0.5866

Previews

White Background



This preview shows how the XYZ color 48.7654, 34.9510, 36.0743 looks on a white background.

Color Contrast Check

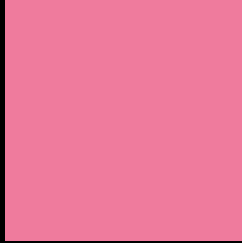
Large Text (above 18pt) WCAG AA × Fail

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 48.7654, 34.9510, 36.0743 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 48.7654, 34.9510, 36.0743

Background



This preview shows how black text looks on a background with the XYZ color 48.7654, 34.9510, 36.0743.



This preview shows how white text looks on a background with the XYZ color 48.7654, 34.9510,

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

48.7654, 34.9510, 36.0743

Protanopia

34.5346, 35.2797, 47.1090

Deuteranopia

35.9792, 35.2934, 34.6218



Tritanopia

46.9584, 34.9608, 27.5657

Trichromacy



Original Color

48.7654, 34.9510, 36.0743

Protanomaly

38.0281, 34.0248, 42.5934

Deuteranomaly

39.7426, 34.3955, 35.1162

Tritanomaly

47.7548, 35.1125, 30.6460

Monochromacy



Original Color

48.7654, 34.9510, 36.0743

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

38.1703, 34.6650, 37.9369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7654, 34.9510, 36.0743 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(239, 123, 157)` looks like.

```
.text, #text, p{  
    color:rgb(239, 123, 157)  
}
```

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(239, 123, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 123, 157) }
```

Border

The CSS property to change the border of an element to XYZ 48.7654, 34.9510, 36.0743 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(239, 123, 157) }
```


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

```
.border{ border-color:rgb(239, 123, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 123, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 123, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 123, 157);  
box-shadow:4px 4px 4px 4px rgb(239, 123,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7654, 34.9510, 36.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 123, 157) }
```

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

```
.background{ background-color: rgb(239,  
123, 157) }
```

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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