

Converting Colors

XYZ(47.0221, 33.7642, 33.4902)

Have a look what the booklet for
XYZ(47.0221, 33.7642, 33.4902)
contains.

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Color

**XYZ(47.0154, 33.7420,
33.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	EC7997
RGB	236, 121, 151
RGB Percent	93%, 47%, 59%
CMY	0.0745, 0.5255, 0.4078
CMYK	0.00, 0.49, 0.36, 0.07
HSL	344°, 75%, 70%
HSV	344°, 49%, 93%
XYZ	47.0154, 33.7420, 33.3130
YIQ	158.8050, 58.9100, 33.7100

Conversions

Conversions Part 2

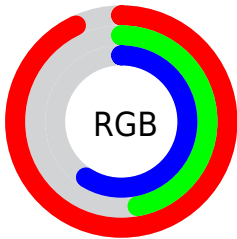
Format	Color
R_{YB}	236, 121, 151
Decimal	15497623
CIE _{Lab}	64.76, 47.34, 4.47
CIE _{LCh}	65, 47.550, 5.395
Yxy	33.7420, 0.4122, 0.2958
Android (android.graphics.Color)	4293687703 (0xFFEC7997)
YUV	158.8050, -3.8479, 67.7000
Hunter-Lab	58.0879, 42.8213, 6.6591

Details

The XYZ color **47.0154, 33.7420, 33.3130** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.0230, 68.5130, 69.0371**, and the grayscale version is **32.8648, 34.5763, 37.6536**.

A 20% lighter version of the original color is **67.7848, 56.7184, 65.1327**, and **22.4988, 14.4015, 13.6505** is the 20% darker color. If you saturate the color by 10%, you get **43.1767, 28.1665, 25.5534**, and if you desaturate by 10%, it is **51.7670, 40.8075, 42.4118**.

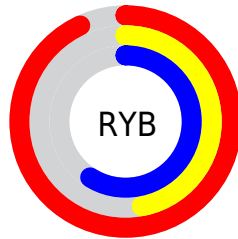
Distribution



Red (93%)

Green (47%)

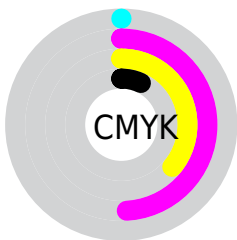
Blue (59%)



Red (93%)

Yellow (47%)

Blue (59%)

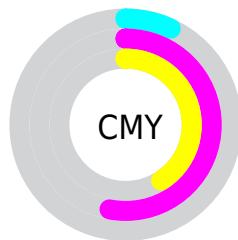


Cyan (0%)

Magenta (49%)

Yellow (36%)

Black (7%)



Cyan (7%)


Magenta (53%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0154, 33.7420, 33.3130 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 47.0154, 33.7420, 33.3130 by changing the saturation by 10% instead.


 47.0154, 33.7420,
33.3130

 47.0154, 33.7420,
33.3130


365.5239,
318.9801, 331.7329


 33.2558, 22.6955,
22.0933


 84.9552, 65.5323,
65.9855

 22.4827, 14.3688,
13.7265


 109.8662, 87.0448,
88.2754

 14.3306, 8.3776,
7.7941


 139.2249,
112.8147, 115.0924

 8.4342, 4.3375,
3.8776

173.3969,
143.2265, 146.8550

 4.4281, 1.8641,
1.5584

212.7475,
178.6646, 183.9818

 1.9471, 0.5267,
0.2609

257.6419,

 0.6040, 0.0000,

219.5133, 226.8914

0.0000

308.4456,
266.1570, 276.0023

■ 0.0000, 0.0000,
0.0000

■ 47.0154, 33.7420,
33.3130

■ 47.0154, 33.7420,
33.3130

■ 43.1767, 28.1665,
25.5534

■ 51.7670, 40.8075,
42.4118

■ 40.1869, 23.9683,
19.0654

■ 57.4842, 49.4551,
52.9089

■ 37.9779, 21.0263,
13.7781

■ 64.2187, 59.7752,
64.8618

■ 36.4687, 19.1963,
9.6117

■ 72.0180, 71.8499,
78.3245

■ 35.5439, 18.2658,
6.4698

■ 80.9260, 85.7561,
93.3479

■ 35.4495, 18.1758,
6.1337

■ 88.4021, 96.5729,
108.5889

Harmonies

Analogous

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



45.5656, 33.7420, 54.7453



47.0154, 33.7420, 33.3130



44.0218, 33.7420, 18.9661

Triad

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



47.0154, 33.7420, 33.3130



25.0448, 33.7420, 13.8052



26.9039, 33.7420, 82.6868

Complementary

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



47.0154, 33.7420, 33.3130



49.0230, 68.5130, 69.0371

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.



22.5058, 33.7420, 63.1371



47.0154, 33.7420, 33.3130



21.5441, 33.7420, 23.1901

Square

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



47.0154, 33.7420, 33.3130



30.8509, 33.7420, 10.5628



20.6850, 33.7420, 40.3928



33.3223, 33.7420, 88.3968

Rectangle

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



47.0154, 33.7420, 33.3130



40.1288, 33.7420, 13.6509



20.6850, 33.7420, 40.3928



25.1708, 33.7420, 77.2442

Sweetspot

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



47.0163, 33.7437, 33.3136



79.8159, 76.2879, 82.9938



47.2480, 32.7594, 83.1900



16.6767, 15.6997, 17.0567



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.



47.0163, 33.7437, 33.3136



51.6713, 33.8615, 30.8751



48.6084, 40.3428, 23.3164



15.2267, 15.1185, 16.4793



19.5854, 10.0368, 3.6181



1.5763, 0.8035, 0.4863

Inverse Universe

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



47.0163, 33.7437, 33.3136



51.6713, 33.8615, 30.8751



45.8683, 55.8052, 87.7110



15.2267, 15.1185, 16.4793



19.5854, 10.0368, 3.6181



1.5763, 0.8035, 0.4863

Previews

White Background



This preview shows how the XYZ color 47.0154, 33.7420, 33.3130 looks on a white background.

Color Contrast Check

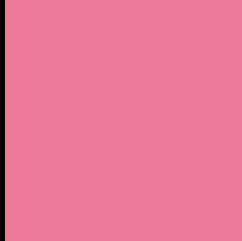
Large Text (above 18pt) WCAG AA × Fail

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 47.0154, 33.7420, 33.3130 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 47.0154, 33.7420, 33.3130

Background



This preview shows how black text looks on a background with the XYZ color 47.0154, 33.7420, 33.3130.



This preview shows how white text looks on a background with the XYZ color 47.0154, 33.7420,

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

47.0154, 33.7420, 33.3130

Protanopia

33.2137, 34.1604, 43.8728

Deuteranopia

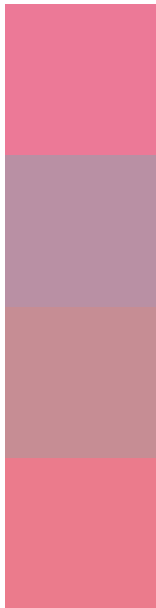
34.5480, 33.8789, 31.9125



Tritanopia

45.3730, 33.6012, 26.2846

Trichromacy



Original Color

47.0154, 33.7420, 33.3130

Protanomaly

36.6817, 32.9411, 39.5469

Deuteranomaly

38.1589, 33.1936, 32.4128

Tritanomaly

46.0775, 33.7215, 28.8913

Monochromacy



Original Color

47.0154, 33.7420, 33.3130

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.6197, 33.2159, 35.9337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0154, 33.7420, 33.3130 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(236, 121, 151)` looks like.

```
.text, #text, p{  
    color:rgb(236, 121, 151)  
}
```

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(236, 121, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 121, 151) }
```

Border

The CSS property to change the border of an element to XYZ 47.0154, 33.7420, 33.3130 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(236, 121, 151) }
```


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

```
.border{ border-color:rgb(236, 121, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 121, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 121, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 121, 151);  
box-shadow:4px 4px 4px 4px rgb(236, 121,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0154, 33.7420, 33.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 121, 151) }
```

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

```
.background{ background-color: rgb(236,  
121, 151) }
```

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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