

Converting Colors

XYZ(47.5332, 37.5552, 34.4494)

Have a look what the booklet for
XYZ(47.5332, 37.5552, 34.4494)
contains.

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Color

**XYZ(47.5332, 37.5552,
34.4494)**

Conversions

Conversions Part 1

Format	Color
Hex	E68B98
RGB	230, 139, 152
RGB Percent	90%, 55%, 60%
CMY	0.0980, 0.4549, 0.4039
CMYK	0.00, 0.40, 0.34, 0.10
HSL	351°, 65%, 72%
HSV	351°, 40%, 90%
XYZ	47.5332, 37.5552, 34.4494
YIQ	167.6910, 50.0630, 23.3350

Conversions

Conversions Part 2

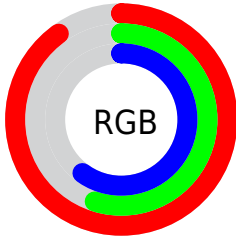
Format	Color
R _Y B	230, 139, 152
Decimal	15109016
CIE Lab	67.69, 36.14, 8.01
CIE LCh	68, 37.016, 12.504
Yxy	37.5552, 0.3976, 0.3142
Android (android.graphics.Color)	4293299096 (0xFFE68B98)
YUV	167.6910, -7.7357, 54.6450
Hunter-Lab	61.2823, 31.2083, 9.5682

Details

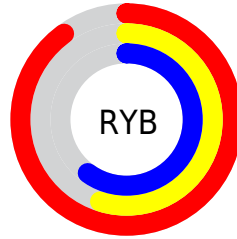
The XYZ color **47.5332, 37.5552, 34.4494** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.4703, 67.0931, 75.8866**, and the grayscale version is **37.0884, 39.0199, 42.4927**.

A 20% lighter version of the original color is **71.6724, 64.2998, 67.0261**, and **22.7704, 16.5266, 14.3017** is the 20% darker color. If you saturate the color by 10%, you get **43.0637, 30.9890, 25.6442**, and if you desaturate by 10%, it is **52.9737, 45.6335, 44.9032**.

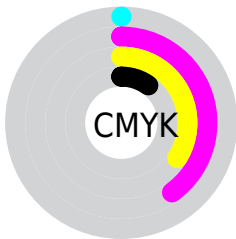
Distribution



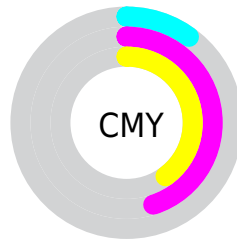
- Red (90%)
- Green (55%)
- Blue (60%)



- Red (90%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (10%)





- Cyan (10%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5332, 37.5552, 34.4494 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 47.5332, 37.5552, 34.4494 by changing the saturation by 10% instead.


 47.5332, 37.5552,
34.4494

 47.5332, 37.5552,
34.4494


367.5523,
335.7080, 336.9614


 33.6671, 25.6376,
22.9589


 85.7229, 71.4259,
67.7738

 22.7996, 16.5528,
14.3581

 110.7772, 94.1478,
90.4447

 14.5655, 9.9161,
8.2286


 140.2915,
121.2399, 117.6796

 8.5993, 5.3434,
4.1517

174.6314,
153.0867, 149.8969

 4.5358, 2.4501,
1.7089

214.1620,
190.0725, 187.5152

 2.0095, 0.8515,
0.3668

259.2488,

 0.6393, 0.0000,

232.5817, 230.9530

0.0000

310.2571,
280.9988, 280.6289

■ 0.0000, 0.0000,
0.0000

■ 47.5332, 37.5552,
34.4494

■ 47.5332, 37.5552,
34.4494

■ 43.0637, 30.9890,
25.6442

■ 52.9737, 45.6335,
44.9032

■ 39.5045, 25.8354,
18.4009

■ 59.4349, 55.3041,
57.0819

■ 36.7930, 21.9918,
12.6279

■ 66.9668, 66.6483,
71.0596

■ 34.8571, 19.3394,
8.2233

■ 75.6151, 79.7400,
86.9055

■ 33.6123, 17.7375,
5.0717

■ 85.4230, 94.6489,
104.6850

■ 32.9286, 16.9587,
3.0293

■ 86.4431, 95.5630,
108.4972

■ 32.9055, 16.9319,
2.9615

Harmonies

Analogous

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



47.2340, 37.5552, 51.1007



47.5332, 37.5552, 34.4494



44.4242, 37.5552, 23.1016

Triad

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



47.5332, 37.5552, 34.4494



28.7739, 37.5552, 21.8021



32.4924, 37.5552, 78.8467

Complementary

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



47.5332, 37.5552, 34.4494



51.4703, 67.0931, 75.8866

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.



28.1916, 37.5552, 66.0511



47.5332, 37.5552, 34.4494



26.2074, 37.5552, 32.1411

Square

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



47.5332, 37.5552, 34.4494



33.3686, 37.5552, 17.2203



26.0063, 37.5552, 48.0899



38.1273, 37.5552, 79.9509

Rectangle

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



47.5332, 37.5552, 34.4494



41.0124, 37.5552, 18.8468



26.0063, 37.5552, 48.0899



30.8585, 37.5552, 75.6396

Sweetspot

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



47.5342, 37.5570, 34.4501



82.1140, 80.4309, 85.1573



51.9391, 38.8326, 79.6208



17.3010, 16.8013, 17.7186



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.



47.5342, 37.5570, 34.4501



55.6142, 40.9056, 34.7844



51.8291, 47.7579, 30.9150



14.4604, 14.4014, 15.3590



18.6559, 9.5966, 1.8168



1.4051, 0.7198, 0.2740

Inverse Universe

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



47.5342, 37.5570, 34.4501



55.6142, 40.9056, 34.7844



45.1603, 51.6604, 82.4541



14.4604, 14.4014, 15.3590



18.6559, 9.5966, 1.8168



1.4051, 0.7198, 0.2740

Previews

White Background



This preview shows how the XYZ color 47.5332, 37.5552, 34.4494 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 47.5332, 37.5552, 34.4494 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 47.5332, 37.5552, 34.4494

Background



This preview shows how black text looks on a background with the XYZ color 47.5332, 37.5552, 34.4494.



This preview shows how white text looks on a background with the XYZ color 47.5332, 37.5552,

34.4494.

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

47.5332, 37.5552, 34.4494

Protanopia

36.4865, 37.9883, 41.4858

Deuteranopia

38.2369, 37.4992, 33.2397



Tritanopia

47.3708, 37.4902, 33.5938

Trichromacy



Original Color

47.5332, 37.5552, 34.4494

Protanomaly

39.8073, 37.4265, 38.8442

Deuteranomaly

41.2817, 37.3229, 33.4620

Tritanomaly

47.4517, 37.5226, 34.0198

Monochromacy



Original Color

47.5332, 37.5552, 34.4494

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.0644, 37.7989, 39.3667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5332, 37.5552, 34.4494 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(230, 139, 152)` looks like.

```
.text, #text, p{  
  color:rgb(230, 139, 152)  
}
```

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(230, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 139, 152) }
```

Border

The CSS property to change the border of an element to XYZ 47.5332, 37.5552, 34.4494 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(230, 139, 152) }
```


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

```
.border{ border-color:rgb(230, 139, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(230, 139,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5332, 37.5552, 34.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 139, 152) }
```

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

```
.background{ background-color: rgb(230,  
139, 152) }
```

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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