

Converting Colors

XYZ(47.4445, 38.3169, 37.6962)

Have a look what the booklet for
XYZ(47.4445, 38.3169, 37.6962)
contains.

XYZ(47.4445, 38.3169, 37.6962)	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(47.4445, 38.3169,
37.6962)**

Conversions

Conversions Part 1

Format	Color
Hex	E28F9F
RGB	226, 143, 159
RGB Percent	89%, 56%, 62%
CMY	0.1137, 0.4392, 0.3765
CMYK	0.00, 0.37, 0.30, 0.11
HSL	348°, 59%, 72%
HSV	348°, 37%, 89%
XYZ	47.4445, 38.3169, 37.6962
YIQ	169.6410, 44.3320, 22.5720

Conversions

Conversions Part 2

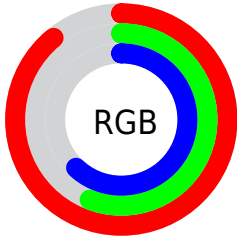
Format	Color
R _Y B	226, 143, 159
Decimal	14847903
CIE Lab	68.25, 33.47, 4.83
CIE LCh	68, 33.815, 8.211
Yxy	38.3169, 0.3843, 0.3104
Android (android.graphics.Color)	4293037983 (0xFFE28F9F)
YUV	169.6410, -5.2460, 49.4268
Hunter-Lab	61.9006, 28.4874, 7.2241

Details

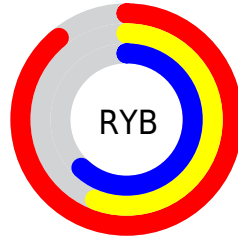
The XYZ color **47.4445, 38.3169, 37.6962** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.1586, 64.8864, 70.8568**, and the grayscale version is **38.0406, 40.0217, 43.5836**.

A 20% lighter version of the original color is **73.5717, 66.5032, 72.5771**, and **22.8100, 16.9999, 16.2664** is the 20% darker color. If you saturate the color by 10%, you get **42.9191, 31.6154, 28.9447**, and if you desaturate by 10%, it is **52.8891, 46.4823, 47.9078**.

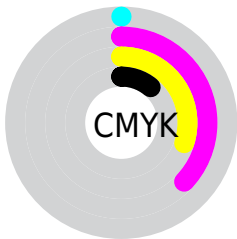
Distribution



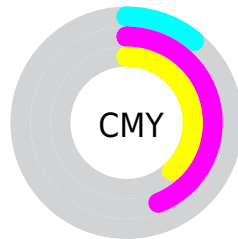
- Red (89%)
- Green (56%)
- Blue (62%)



- Red (89%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4445, 38.3169, 37.6962 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 47.4445, 38.3169, 37.6962 by changing the saturation by 10% instead.


 47.4445, 38.3169,
37.6962


 47.4445, 38.3169,
37.6962


367.2054,
338.9774, 351.5740

 33.5966, 26.2287,
25.4470


 85.5915, 72.5936,
72.8405

 22.7453, 16.9948,
16.1883


 110.6212, 95.5509,
96.5727

 14.5252, 10.2308,
9.5017


140.1090,
122.9001, 124.9696

 8.5710, 5.5523,
4.9686

174.4201,
155.0255, 158.4497

 4.5173, 2.5748,
2.1704

213.9200,
192.3116, 197.4317

 1.9987, 0.9140,
0.6572

258.9739,

 0.6333, 0.0000,

235.1426, 242.3341

0.0000

309.9472,
283.9031, 293.5753

■ 0.0000, 0.0000,
0.0000

■ 47.4445, 38.3169,
37.6962

■ 47.4445, 38.3169,
37.6962

■ 42.9191, 31.6154,
28.9447

■ 52.8891, 46.4823,
47.9078

■ 39.2583, 26.2857,
21.5837

■ 59.2972, 56.1857,
59.6403

■ 36.4065, 22.2338,
15.5408

■ 66.7139, 67.5025,
72.9537

■ 34.2999, 19.3515,
10.7364

■ 75.1806, 80.5018,
87.9041

■ 32.8652, 17.5123,
7.0815

■ 84.4144, 94.6049,
104.4376

■ 32.0102, 16.5558,
4.4737

■ 85.1741, 94.9088,
108.4378

■ 31.8104, 16.3473,
3.8181

Harmonies

Analogous

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



46.7058, 38.3169, 53.4967



47.4445, 38.3169, 37.6962



45.0117, 38.3169, 26.1689

Triad

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



47.4445, 38.3169, 37.6962



30.4817, 38.3169, 22.7597



32.7719, 38.3169, 75.0437

Complementary

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



47.4445, 38.3169, 37.6962



50.1586, 64.8864, 70.8568

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.



28.9961, 38.3169, 62.4623



47.4445, 38.3169, 37.6962



27.7658, 38.3169, 31.8134

Square

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



47.4445, 38.3169, 37.6962



34.9853, 38.3169, 19.0174



27.2495, 38.3169, 46.0217



37.8914, 38.3169, 77.7116

Rectangle

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



47.4445, 38.3169, 37.6962



42.0454, 38.3169, 21.5325



27.2495, 38.3169, 46.0217



31.3185, 38.3169, 71.7090

Sweetspot

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



47.4455, 38.3187, 37.6970



83.3115, 82.0173, 88.0492



49.9591, 38.7517, 76.7983



17.5474, 17.1207, 18.3350



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.



47.4455, 38.3187, 37.6970



57.7716, 43.5406, 40.6822



50.3074, 46.1221, 32.2399



13.8146, 13.7435, 14.7941



18.1806, 9.3393, 2.3510



1.2914, 0.6598, 0.3274

Inverse Universe

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



47.4455, 38.3187, 37.6970



57.7716, 43.5406, 40.6822



45.9666, 53.1520, 79.7883



13.8146, 13.7435, 14.7941



18.1806, 9.3393, 2.3510



1.2914, 0.6598, 0.3274

Previews

White Background



This preview shows how the XYZ color 47.4445, 38.3169, 37.6962 looks on a white background.

Color Contrast Check

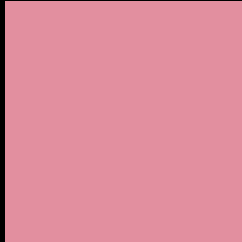
Large Text (above 18pt) WCAG AA × Fail

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 47.4445, 38.3169, 37.6962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

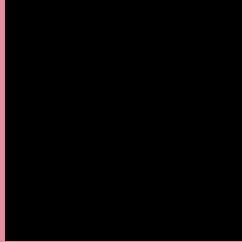
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4445, 38.3169, 37.6962

Background



This preview shows how black text looks on a background with the XYZ color 47.4445, 38.3169, 37.6962.



This preview shows how white text looks on a background with the XYZ color 47.4445, 38.3169,

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

47.4445, 38.3169, 37.6962

Protanopia

37.2311, 38.5758, 44.5133

Deuteranopia

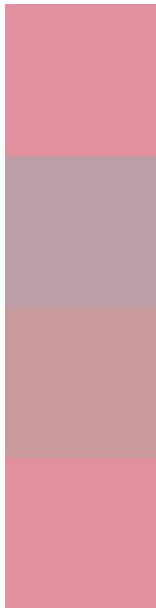
39.2391, 38.4548, 36.8069



Tritanopia

47.2537, 38.4818, 35.9475

Trichromacy



Original Color

47.4445, 38.3169, 37.6962

Protanomaly

40.1882, 38.0626, 41.7879

Deuteranomaly

41.7288, 37.9630, 37.0265

Tritanomaly

47.3380, 38.5156, 36.3918

Monochromacy



Original Color

47.4445, 38.3169, 37.6962

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.6889, 38.8419, 41.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4445, 38.3169, 37.6962 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(226, 143, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 143, 159)  
}
```

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(226, 143, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 143, 159) }
```

Border

The CSS property to change the border of an element to XYZ 47.4445, 38.3169, 37.6962 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(226, 143, 159) }
```


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

```
.border{ border-color:rgb(226, 143, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 143, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 143, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 143, 159);  
box-shadow:4px 4px 4px 4px rgb(226, 143,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4445, 38.3169, 37.6962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 143, 159) }
```

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

```
.background{ background-color: rgb(226,  
143, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor