

Converting Colors

XYZ(58.8970, 47.3748, 36.1774)

Have a look what the booklet for
XYZ(58.8970, 47.3748, 36.1774)
contains.

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Color

**XYZ(58.8782, 47.3368,
36.1707)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C99
RGB	255, 156, 153
RGB Percent	100%, 61%, 60%
CMY	0.0000, 0.3882, 0.4000
CMYK	0.00, 0.39, 0.40, 0.00
HSL	2°, 100%, 80%
HSV	2°, 40%, 100%
XYZ	58.8782, 47.3368, 36.1707
YIQ	185.2590, 59.9670, 20.0550

Conversions

Conversions Part 2

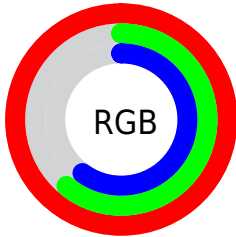
Format	Color
R_{YB}	255, 156, 153
Decimal	16751769
CIE _{Lab}	74.40, 36.55, 17.36
CIE _{LCh}	74, 40.464, 25.399
Yxy	47.3368, 0.4135, 0.3325
Android (android.graphics.Color)	4294941849 (0xFFFF9C99)
YUV	185.2590, -15.9037, 61.1629
Hunter-Lab	68.8017, 32.3512, 16.9911

Details

The XYZ color **58.8782, 47.3368, 36.1707** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9957, 83.6096, 107.2675**, and the grayscale version is **46.3218, 48.7342, 53.0715**.

A 20% lighter version of the original color is **76.0460, 72.8520, 69.0853**, and **29.7542, 22.2619, 15.2991** is the 20% darker color. If you saturate the color by 10%, you get **53.2545, 39.1074, 24.9920**, and if you desaturate by 10%, it is **65.8004, 57.4429, 50.0033**.

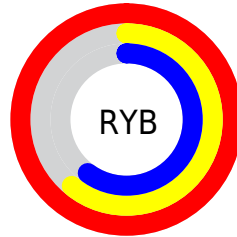
Distribution



Red (100%)

Green (61%)

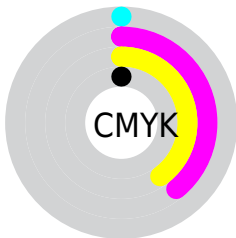
Blue (60%)



Red (100%)

Yellow (61%)

Blue (60%)

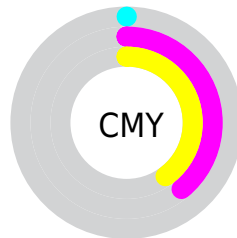


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8782, 47.3368, 36.1707 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 58.8782, 47.3368, 36.1707 by changing the saturation by 10% instead.


 58.8782, 47.3368,
36.1707


 58.8782, 47.3368,
36.1707


410.3517,
376.1573, 344.7660

 42.7611, 33.3020,
24.2753

 102.3163, 86.2161,
70.4675

 29.8914, 22.3579,
15.3239


 130.3679,
111.8295, 93.7059

 19.9038, 14.1201,
8.8979


163.1284,
142.0711, 121.5625

 12.4330, 8.2042,
4.5787

200.9632,
177.3254, 154.4557

 7.1136, 4.2259,
1.9479

244.2375,
217.9767, 192.8042

 3.5802, 1.8007,
0.5230

293.3168,

 1.4675, 0.4876,

264.4096, 237.0263

0.0000

348.5664,
317.0083, 287.5407

■ 0.3036, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8782, 47.3368,
36.1707

■ 58.8782, 47.3368,
36.1707

■ 53.2545, 39.1074,
24.9920

■ 65.8004, 57.4429,
50.0033

■ 48.8450, 32.6327,
16.2950

■ 74.0912, 69.5238,
66.6419

■ 45.5613, 27.7874,
9.8914

■ 83.8200, 83.6795,
86.2301

■ 43.3013, 24.4265,
5.5647

95.0499, 100.0000,
108.9000

■ 41.9445, 22.3796,
3.0573

■ 41.3215, 21.4231,
1.9572

■ 41.3215, 21.4231,
1.9572

Harmonies

Analogous

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



60.4589, 47.3368, 54.8293



58.8782, 47.3368, 36.1707



53.4298, 47.3368, 25.0584

Triad

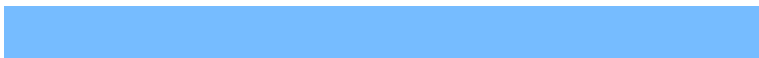
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.8782, 47.3368, 36.1707



34.4134, 47.3368, 31.9426



43.8772, 47.3368, 102.7993

Complementary

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



58.8782, 47.3368, 36.1707



65.9957, 83.6096, 107.2675

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.



37.4932, 47.3368, 92.1455



58.8782, 47.3368, 36.1707



32.4176, 47.3368, 48.3882

Square

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



58.8782, 47.3368, 36.1707



39.2443, 47.3368, 23.1197



33.4815, 47.3368, 70.7468



51.2756, 47.3368, 96.9706

Rectangle

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



58.8782, 47.3368, 36.1707



48.6188, 47.3368, 21.6387



33.4815, 47.3368, 70.7468



41.5506, 47.3368, 100.9612

Sweetspot

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



58.8794, 47.3391, 36.1716



81.7557, 80.6772, 82.0690



70.4088, 51.1538, 99.3419



17.2174, 16.8586, 16.9987



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.



58.8794, 47.3391, 36.1716



54.2794, 40.6090, 27.0232



68.9891, 67.5585, 39.5415



18.0523, 18.0727, 18.6813



21.6100, 11.2311, 1.0289



2.1185, 1.1224, 0.1050

Inverse Universe

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



65.9957, 83.6096, 107.2675



62.2800, 81.4143, 107.0398



52.3782, 56.3747, 102.7284



18.5063, 20.3842, 23.2091



26.9093, 38.7282, 55.4916



2.6340, 3.7986, 5.4077

Previews

White Background



This preview shows how the XYZ color 58.8782, 47.3368, 36.1707 looks on a white background.

Color Contrast Check

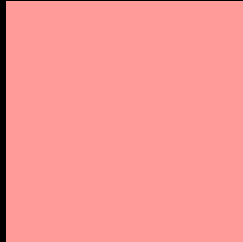
Large Text (above 18pt) WCAG AA × Fail

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 58.8782, 47.3368, 36.1707 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 58.8782, 47.3368, 36.1707

Background



This preview shows how black text looks on a background with the XYZ color 58.8782, 47.3368, 36.1707.



This preview shows how white text looks on a background with the XYZ color 58.8782, 47.3368,

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

58.8782, 47.3368, 36.1707

Protanopia

45.3944, 47.7334, 43.3801

Deuteranopia

48.3907, 47.3667, 35.0260



Tritanopia

59.8443, 47.4559, 42.0822

Trichromacy



Original Color

58.8782, 47.3368, 36.1707



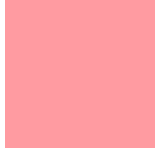
Protanomaly

49.1967, 46.7919, 40.6212



Deuteranomaly

51.6879, 47.0719, 35.2157



Tritanomaly

59.3944, 47.2759, 39.7129

Monochromacy



Original Color

58.8782, 47.3368, 36.1707



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.2572, 46.9909, 46.0092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8782, 47.3368, 36.1707 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(255, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 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(255, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 153) }
```

Border

The CSS property to change the border of an element to XYZ 58.8782, 47.3368, 36.1707 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(255, 156, 153) }
```


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

```
.border{ border-color:rgb(255, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8782, 47.3368, 36.1707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 153) }
```

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

```
.background{ background-color: rgb(255,  
156, 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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