

Converting Colors

XYZ(58.4288, 46.0061, 37.3526)

Have a look what the booklet for
XYZ(58.4288, 46.0061, 37.3526)
contains.

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Color

**XYZ(58.4690, 46.1168,
37.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	FF989C
RGB	255, 152, 156
RGB Percent	100%, 60%, 61%
CMY	0.0000, 0.4039, 0.3882
CMYK	0.00, 0.40, 0.39, 0.00
HSL	358°, 100%, 80%
HSV	358°, 40%, 100%
XYZ	58.4690, 46.1168, 37.2723
YIQ	183.2530, 60.1040, 23.0800

Conversions

Conversions Part 2

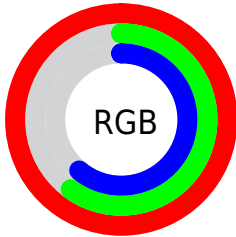
Format	Color
R _Y B	255, 152, 156
Decimal	16750748
CIE Lab	73.62, 38.94, 14.61
CIE LCh	74, 41.591, 20.569
Yxy	46.1168, 0.4122, 0.3251
Android (android.graphics.Color)	4294940828 (0xFFFF989C)
YUV	183.2530, -13.4357, 62.9221
Hunter-Lab	67.9094, 34.8446, 14.9950

Details

The XYZ color **58.4690, 46.1168, 37.2723** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1237, 85.1614, 104.2243**, and the grayscale version is **45.1982, 47.5520, 51.7841**.

A 20% lighter version of the original color is **75.4287, 71.0249, 70.7064**, and **29.5173, 21.5457, 15.9676** is the 20% darker color. If you saturate the color by 10%, you get **52.8959, 37.9637, 26.1871**, and if you desaturate by 10%, it is **65.3530, 56.2212, 50.8614**.

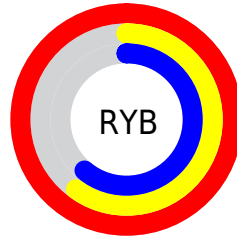
Distribution



Red (100%)

Green (60%)

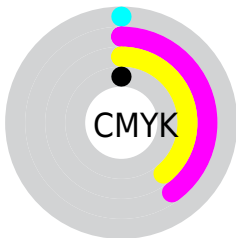
Blue (61%)



Red (100%)

Yellow (60%)

Blue (61%)

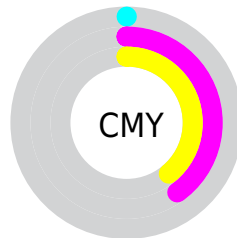


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4690, 46.1168, 37.2723 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 58.4690, 46.1168, 37.2723 by changing the saturation by 10% instead.


 58.4690, 46.1168,
37.2723

 58.4690, 46.1168,
37.2723


408.8570,
371.2780, 349.6921

 42.4305, 32.3380,
25.1210


 101.7246, 84.3938,
72.1824

 29.6311, 21.6198,
15.9474

 129.6724,
109.6607, 95.7782

 19.7055, 13.5778,
9.3330

162.3207,
139.5259, 124.0259

 12.2881, 7.8276,
4.8592

200.0348,
174.3736, 157.3441

 7.0138, 3.9848,
2.1076

243.1802,
214.5883, 196.1513

 3.5172, 1.6651,
0.6203

292.1221,

 1.4328, 0.4009,

260.5543, 240.8659

0.0000

347.2259,
312.6561, 291.9067

■ 0.2794, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4690, 46.1168,
37.2723

■ 58.4690, 46.1168,
37.2723

■ 52.8959, 37.9637,
26.1871

■ 65.3530, 56.2212,
50.8614

■ 48.5471, 31.6298,
17.4506

■ 73.6198, 68.3841,
67.0917

■ 45.3314, 26.9776,
10.8943

■ 83.3407, 82.7132,
86.0933

■ 43.1435, 23.8468,
6.3262

■ 94.5807, 99.3067,
107.9874

■ 41.8580, 22.0467, 95.0500, 100.0000,
3.5211 108.9000

■ 41.2941, 21.2817,
2.2153

Harmonies

Analogous

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



59.3351, 46.1168, 57.1546



58.4690, 46.1168, 37.2723



53.4539, 46.1168, 24.9549

Triad

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



58.4690, 46.1168, 37.2723



33.7814, 46.1168, 28.6119



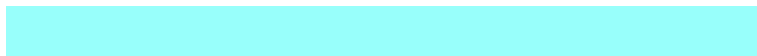
41.5535, 46.1168, 101.7734

Complementary

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



58.4690, 46.1168, 37.2723



66.1237, 85.1614, 104.2243

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.



35.4412, 46.1168, 88.4940



58.4690, 46.1168, 37.2723



31.2970, 46.1168, 43.8582

Square

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



58.4690, 46.1168, 37.2723



39.0442, 46.1168, 21.0142



31.8686, 46.1168, 65.8488



48.9974, 46.1168, 98.5459

Rectangle

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



58.4690, 46.1168, 37.2723



48.7132, 46.1168, 20.8604



31.8686, 46.1168, 65.8488



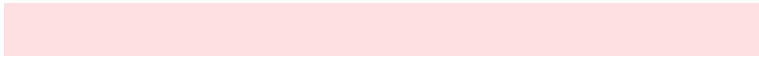
39.2894, 46.1168, 98.9784

Sweetspot

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



58.4702, 46.1191, 37.2732



81.6741, 80.2549, 82.8406



68.6501, 49.9751, 100.6356



17.1984, 16.7603, 17.1783



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.



58.4702, 46.1191, 37.2732



54.1131, 39.7418, 28.6164



67.1831, 64.0773, 38.5360



18.0379, 17.9985, 18.8169



21.5894, 11.1251, 1.2224



2.1117, 1.0870, 0.1695

Inverse Universe

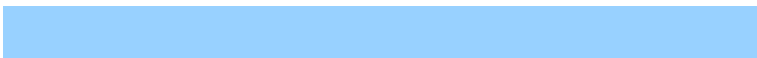
The Inverse Universe completely reimagines the original color for something new.



58.4702, 46.1191, 37.2732



54.1131, 39.7418, 28.6164



53.7157, 59.3270, 103.2278



18.0379, 17.9985, 18.8169



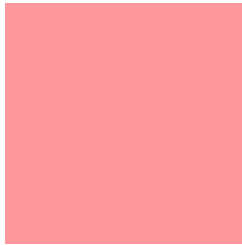
21.5894, 11.1251, 1.2224



2.1117, 1.0870, 0.1695

Previews

White Background



This preview shows how the XYZ color 58.4690, 46.1168, 37.2723 looks on a white background.

Color Contrast Check

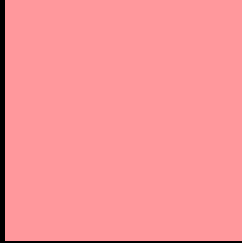
Large Text (above 18pt) WCAG AA × Fail

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 58.4690, 46.1168, 37.2723 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 58.4690, 46.1168, 37.2723

Background



This preview shows how black text looks on a background with the XYZ color 58.4690, 46.1168, 37.2723.



This preview shows how white text looks on a background with the XYZ color 58.4690, 46.1168,

37.2723.

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

58.4690, 46.1168, 37.2723

Protanopia

44.3681, 46.5528, 45.1752

Deuteranopia

47.0980, 46.0944, 36.1205



Tritanopia

58.8282, 46.0019, 39.9611

Trichromacy



Original Color

58.4690, 46.1168, 37.2723

Protanomaly

48.4090, 45.4997, 42.3073

Deuteranomaly

50.7500, 45.7411, 36.2911

Tritanomaly

58.6518, 45.9313, 39.0320

Monochromacy



Original Color

58.4690, 46.1168, 37.2723

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.5898, 46.0775, 45.8680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4690, 46.1168, 37.2723 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, 152, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 156)  
}
```

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, 152, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 156) }
```

Border

The CSS property to change the border of an element to XYZ 58.4690, 46.1168, 37.2723 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, 152, 156) }
```


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

```
.border{ border-color:rgb(255, 152, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4690, 46.1168, 37.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 156) }
```

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

```
.background{ background-color: rgb(255,  
152, 156) }
```

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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