

Converting Colors

XYZ(60.0634, 47.7441, 40.9695)

Have a look what the booklet for
XYZ(60.0634, 47.7441, 40.9695)
contains.

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Color

**XYZ(59.8293, 47.7173,
41.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CA4
RGB	255, 156, 164
RGB Percent	100%, 61%, 64%
CMY	0.0000, 0.3882, 0.3569
CMYK	0.00, 0.39, 0.36, 0.00
HSL	355°, 100%, 81%
HSV	355°, 39%, 100%
XYZ	59.8293, 47.7173, 41.1790
YIQ	186.5130, 56.4360, 23.4760

Conversions

Conversions Part 2

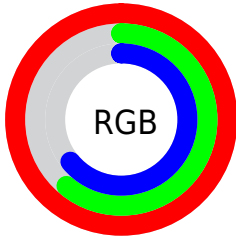
Format	Color
R _Y B	255, 156, 164
Decimal	16751780
CIE Lab	74.65, 37.79, 11.65
CIE LCh	75, 39.550, 17.136
Yxy	47.7173, 0.4023, 0.3208
Android (android.graphics.Color)	4294941860 (0xFFFF9CA4)
YUV	186.5130, -11.0989, 60.0631
Hunter-Lab	69.0777, 33.7157, 13.0101

Details

The XYZ color **59.8293, 47.7173, 41.1790** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2610, 85.3043, 100.9734**, and the grayscale version is **46.9994, 49.4470, 53.8478**.

A 20% lighter version of the original color is **77.5697, 73.4614, 77.1089**, and **30.5398, 22.6061, 18.0830** is the 20% darker color. If you saturate the color by 10%, you get **54.0653, 39.2705, 29.7586**, and if you desaturate by 10%, it is **66.8842, 58.1211, 54.9555**.

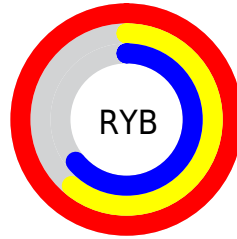
Distribution



Red (100%)

Green (61%)

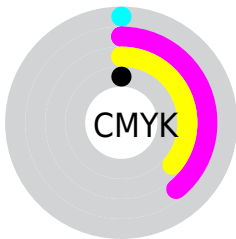
Blue (64%)



Red (100%)

Yellow (61%)

Blue (64%)

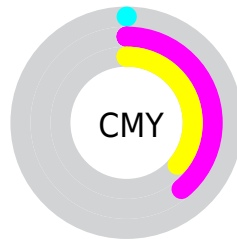


Cyan (0%)

Magenta (39%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8293, 47.7173, 41.1790 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 59.8293, 47.7173, 41.1790 by changing the saturation by 10% instead.

 59.8293, 47.7173,
41.1790


 59.8293, 47.7173,
41.1790

413.8131,
377.6705, 366.7670

 43.5300, 33.6031,
28.1382


 103.6898, 86.7833,
78.2122

 30.4975, 22.5888,
18.1899


 131.9816,
112.5039, 103.0416

 20.3665, 14.2902,
10.9156


165.0017,
142.8621, 132.6378

 12.7715, 8.3228,
5.8966

203.1154,
178.2423, 167.4191

 7.3473, 4.3022,
2.7146

246.6880,
219.0288, 207.8041

 3.7285, 1.8440,
0.9507

296.0850,

 1.5497, 0.5144,

265.6061, 254.2114

0.0000

351.6715,
318.3585, 307.0595

■ 0.3593, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8293, 47.7173,
41.1790

■ 59.8293, 47.7173,
41.1790

■ 54.0653, 39.2705,
29.7586

■ 66.8842, 58.1211,
54.9555

■ 49.5102, 32.6517,
20.5595

■ 75.2977, 70.5863,
71.2068

■ 46.0787, 27.7278,
13.4377

■ 85.1373, 85.2182,
90.0472

■ 43.6725, 24.3442,
8.2310

95.0500, 100.0000,
108.9000

■ 42.1764, 22.3184,
4.7529

■ 41.4309, 21.3886,
2.7742

■ 41.3716, 21.3126,
2.6230

Harmonies

Analogous

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



60.1495, 47.7173, 61.2415



59.8293, 47.7173, 41.1790



55.3828, 47.7173, 28.0757

Triad

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



59.8293, 47.7173, 41.1790



35.9893, 47.7173, 29.4780



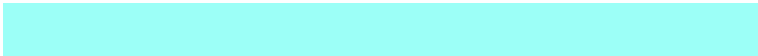
42.3562, 47.7173, 100.6773

Complementary

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



59.8293, 47.7173, 41.1790



66.2610, 85.3043, 100.9734

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.



36.6152, 47.7173, 86.5618



59.8293, 47.7173, 41.1790



33.2082, 47.7173, 43.6600

Square

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



59.8293, 47.7173, 41.1790



41.4156, 47.7173, 22.6435



33.4246, 47.7173, 64.4662



49.5342, 47.7173, 99.4989

Rectangle

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



59.8293, 47.7173, 41.1790



50.9183, 47.7173, 23.4272



33.4246, 47.7173, 64.4662



40.2103, 47.7173, 97.4346

Sweetspot

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



59.8306, 47.7196, 41.1799



81.8506, 80.3255, 83.7702



68.2095, 50.7281, 100.8042



17.2396, 16.7767, 17.3950



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.



59.8306, 47.7196, 41.1799



55.0225, 40.6689, 31.6687



67.2653, 63.7085, 40.2073



18.0689, 18.0109, 18.9800



21.6382, 11.1446, 1.4794



2.1263, 1.0929, 0.2467

Inverse Universe

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



59.8306, 47.7196, 41.1799



55.0225, 40.6689, 31.6687



55.7457, 62.2568, 103.6863



18.0689, 18.0109, 18.9800



21.6382, 11.1446, 1.4794



2.1263, 1.0929, 0.2467

Previews

White Background



This preview shows how the XYZ color 59.8293, 47.7173, 41.1790 looks on a white background.

Color Contrast Check

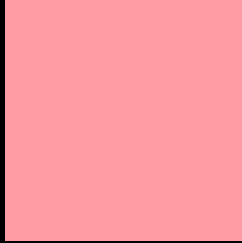
Large Text (above 18pt) WCAG AA × Fail

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 59.8293, 47.7173, 41.1790 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 59.8293, 47.7173, 41.1790

Background



This preview shows how black text looks on a background with the XYZ color 59.8293, 47.7173, 41.1790.



This preview shows how white text looks on a background with the XYZ color 59.8293, 47.7173,

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

59.8293, 47.7173, 41.1790

Protanopia

46.0564, 47.9405, 49.4738

Deuteranopia

48.6456, 47.6840, 39.8977



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

59.8293, 47.7173, 41.1790



Protanomaly

50.0241, 47.0893, 46.4970



Deuteranomaly

51.9850, 47.1179, 40.0730



Tritanomaly

60.0114, 47.7901, 42.1379

Monochromacy



Original Color

59.8293, 47.7173, 41.1790



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.8134, 48.3024, 49.2930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8293, 47.7173, 41.1790 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 164) }
```

Border

The CSS property to change the border of an element to XYZ 59.8293, 47.7173, 41.1790 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, 164) }
```


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

```
.border{ border-color:rgb(255, 156, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8293, 47.7173, 41.1790 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
156, 164) }
```

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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