

Converting Colors

XYZ(59.9389, 47.7000, 41.7768)

Have a look what the booklet for
XYZ(59.9389, 47.7000, 41.7768)
contains.

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Color

**XYZ(59.9200, 47.7535,
41.6565)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CA5
RGB	255, 156, 165
RGB Percent	100%, 61%, 65%
CMY	0.0000, 0.3882, 0.3529
CMYK	0.00, 0.39, 0.35, 0.00
HSL	355°, 100%, 81%
HSV	355°, 39%, 100%
XYZ	59.9200, 47.7535, 41.6565
YIQ	186.6270, 56.1150, 23.7870

Conversions

Conversions Part 2

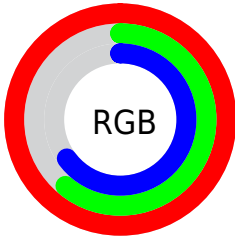
Format	Color
R _Y B	255, 156, 165
Decimal	16751781
CIE Lab	74.67, 37.91, 11.14
CIE LCh	75, 39.513, 16.369
Yxy	47.7535, 0.4013, 0.3198
Android (android.graphics.Color)	4294941861 (0xFFFF9CA5)
YUV	186.6270, -10.6621, 59.9631
Hunter-Lab	69.1039, 33.8455, 12.6322

Details

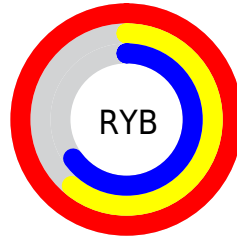
The XYZ color **59.9200, 47.7535, 41.6565** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1070, 85.2427, 100.1626**, and the grayscale version is **47.0611, 49.5120, 53.9185**.

A 20% lighter version of the original color is **77.7018, 73.5143, 77.8045**, and **30.5958, 22.6285, 18.3779** is the 20% darker color. If you saturate the color by 10%, you get **54.1590, 39.3079, 30.2523**, and if you desaturate by 10%, it is **66.9641, 58.1530, 55.3764**.

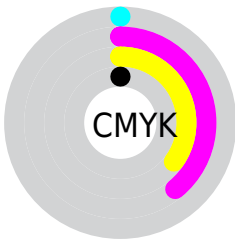
Distribution



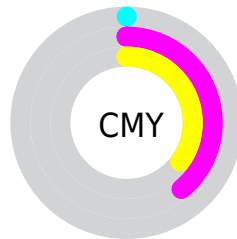
- Red (100%)
- Green (61%)
- Blue (65%)



- Red (100%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (39%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9200, 47.7535, 41.6565 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 59.9200, 47.7535, 41.6565 by changing the saturation by 10% instead.


 59.9200, 47.7535,
41.6565


 59.9200, 47.7535,
41.6565


414.1423,
377.8142, 368.8146

 43.6034, 33.6317,
28.5089


 103.8206, 86.8373,
78.9440

 30.5554, 22.6108,
18.4672


 132.1353,
112.5681, 103.9208

 20.4107, 14.3064,
11.1130

165.1801,
142.9373, 133.6779

 12.8039, 8.3341,
6.0278

203.3202,
178.3294, 168.6337

 7.3697, 4.3095,
2.7929

246.9212,
219.1288, 209.2067

 3.7428, 1.8481,
0.9899

296.3483,

 1.5577, 0.5169,

265.7197, 255.8155

0.0000

351.9669,
318.4868, 308.8786

■ 0.3646, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9200, 47.7535,
41.6565

■ 59.9200, 47.7535,
41.6565

■ 54.1590, 39.3079,
30.2523

■ 66.9641, 58.1530,
55.3764

■ 49.6001, 32.6877,
21.0331

■ 75.3584, 70.6105,
71.5271

■ 46.1588, 27.7598,
13.8598

■ 85.1699, 85.2311,
90.2194

■ 43.7380, 24.3703,
8.5756

95.0500, 100.0000,
108.9000

■ 42.2236, 22.3372,
5.0013

■ 41.4580, 21.3994,
2.9170

■ 41.3964, 21.3225,
2.7534

Harmonies

Analogous

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



60.1252, 47.7535, 61.8516



59.9200, 47.7535, 41.6565



55.5657, 47.7535, 28.3603

Triad

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



59.9200, 47.7535, 41.6565



36.1351, 47.7535, 29.2591



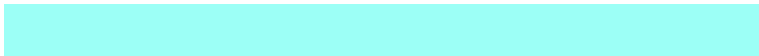
42.2206, 47.7535, 100.4956

Complementary

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



59.9200, 47.7535, 41.6565



66.1070, 85.2427, 100.1626

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.



36.5362, 47.7535, 86.0725



59.9200, 47.7535, 41.6565



33.2806, 47.7535, 43.2462

Square

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



59.9200, 47.7535, 41.6565



41.6179, 47.7535, 22.5987



33.4193, 47.7535, 63.9175



49.3798, 47.7535, 99.7408

Rectangle

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



59.9200, 47.7535, 41.6565



51.1333, 47.7535, 23.5929



33.4193, 47.7535, 63.9175



40.0905, 47.7535, 97.1271

Sweetspot

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



59.9212, 47.7558, 41.6574



81.8933, 80.3426, 83.9950



67.6309, 50.4298, 100.7771



17.2495, 16.7807, 17.4474



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.



59.9212, 47.7558, 41.6574



55.1163, 40.7064, 32.1624



66.8920, 62.9620, 40.0827



18.0764, 18.0139, 19.0194



21.6529, 11.1505, 1.5569



2.1299, 1.0943, 0.2653

Inverse Universe

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



59.9212, 47.7558, 41.6574



55.1163, 40.7064, 32.1624



56.1647, 63.0948, 103.8261



18.0764, 18.0139, 19.0194



21.6529, 11.1505, 1.5569



2.1299, 1.0943, 0.2653

Previews

White Background



This preview shows how the XYZ color 59.9200, 47.7535, 41.6565 looks on a white background.

Color Contrast Check

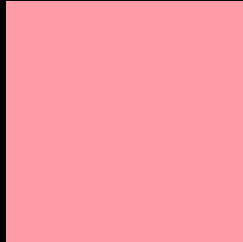
Large Text (above 18pt) WCAG AA × Fail

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 59.9200, 47.7535, 41.6565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

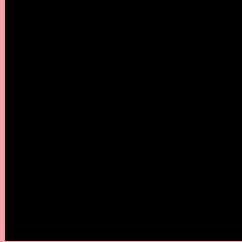
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9200, 47.7535, 41.6565

Background



This preview shows how black text looks on a background with the XYZ color 59.9200, 47.7535, 41.6565.



This preview shows how white text looks on a background with the XYZ color 59.9200, 47.7535,

41.6565.

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

59.9200, 47.7535, 41.6565

Protanopia

45.9107, 47.8536, 49.9969

Deuteranopia

48.7335, 47.7191, 40.3604



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

59.9200, 47.7535, 41.6565



Protanomaly

49.8328, 46.9793, 46.9989



Deuteranomaly

52.0736, 47.1533, 40.5393



Tritanomaly

60.0114, 47.7901, 42.1379

Monochromacy



Original Color

59.9200, 47.7535, 41.6565



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 59.9200, 47.7535, 41.6565 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 165) }
```

Border

The CSS property to change the border of an element to XYZ 59.9200, 47.7535, 41.6565 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, 165) }
```


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

```
.border{ border-color:rgb(255, 156, 165) }
```

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, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9200, 47.7535, 41.6565 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
156, 165) }
```

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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