

Converting Colors

XYZ(59.7452, 48.4776, 41.9884)

Have a look what the booklet for
XYZ(59.7452, 48.4776, 41.9884)
contains.

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Color

**XYZ(59.6977, 48.3955,
41.7922)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9FA5
RGB	253, 159, 165
RGB Percent	99%, 62%, 65%
CMY	0.0078, 0.3764, 0.3529
CMYK	0.00, 0.37, 0.35, 0.01
HSL	356°, 96%, 81%
HSV	356°, 37%, 99%
XYZ	59.6977, 48.3955, 41.7922
YIQ	187.7900, 54.0980, 21.7940

Conversions

Conversions Part 2

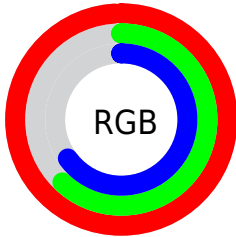
Format	Color
R _Y B	253, 159, 165
Decimal	16621477
CIE Lab	75.07, 35.64, 11.68
CIE LCh	75, 37.501, 18.140
Yxy	48.3955, 0.3983, 0.3229
Android (android.graphics.Color)	4294811557 (0xFFFD9FA5)
YUV	187.7900, -11.2355, 57.1892
Hunter-Lab	69.5669, 31.4349, 13.0784

Details

The XYZ color **59.6977, 48.3955, 41.7922** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2141, 84.3380, 100.7891**, and the grayscale version is **47.7222, 50.2075, 54.6759**.

A 20% lighter version of the original color is **78.4587, 75.0282, 78.0568**, and **30.3828, 22.9697, 18.4550** is the 20% darker color. If you saturate the color by 10%, you get **53.8238, 39.7843, 30.1646**, and if you desaturate by 10%, it is **66.8638, 58.9517, 55.8213**.

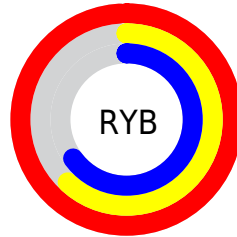
Distribution



Red (99%)

Green (62%)

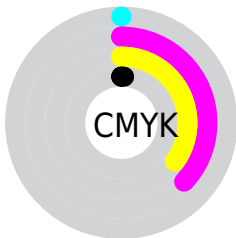
Blue (65%)



Red (99%)

Yellow (62%)

Blue (65%)

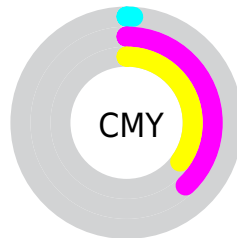


Cyan (0%)

Magenta (37%)

Yellow (35%)

Black (1%)



Cyan (1%)


Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6977, 48.3955, 41.7922 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 59.6977, 48.3955, 41.7922 by changing the saturation by 10% instead.


 59.6977, 48.3955,
41.7922


 59.6977, 48.3955,
41.7922


413.3352,
380.3577, 369.3950

 43.4235, 34.1402,
28.6143

 103.4999, 87.7930,
79.1517

 30.4135, 23.0013,
18.5461

 131.7586,
113.7039, 104.1704

 20.3023, 14.5945,
11.1693


164.7429,
144.2689, 133.9730

 12.7245, 8.5353,
6.0652

202.8181,
179.8723, 168.9782

 7.3148, 4.4393,
2.8154

246.3496,
220.8984, 209.6045

 3.7078, 1.9222,
1.0011

295.7027,

 1.5382, 0.5617,

267.7318, 256.2703

0.0000

351.2428,
320.7567, 309.3943

■ 0.3516, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6977, 48.3955,
41.7922

■ 59.6977, 48.3955,
41.7922

■ 53.8238, 39.7843,
30.1646

■ 66.8638, 58.9517,
55.8213

■ 49.1616, 32.9929,
20.8011

■ 75.3886, 71.5542,
72.3730

■ 45.6273, 27.8926,
13.5550

■ 85.3388, 86.3055,
91.5638

■ 43.1250, 24.3347,
8.2609

94.3181, 99.6227,
108.8657

■ 41.5428, 22.1450,
4.7288

■ 40.7398, 21.1005,
2.7300

■ 40.6026, 20.9205,
2.3936

Harmonies

Analogous

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



60.1436, 48.3955, 60.8407



59.6977, 48.3955, 41.7922



55.3682, 48.3955, 29.2807

Triad

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



59.6977, 48.3955, 41.7922



36.8622, 48.3955, 31.3025



43.3420, 48.3955, 98.9517

Complementary

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



59.6977, 48.3955, 41.7922



66.2141, 84.3380, 100.7891

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.



37.7504, 48.3955, 86.1114



59.6977, 48.3955, 41.7922



34.2657, 48.3955, 45.3099

Square

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



59.6977, 48.3955, 41.7922



42.0150, 48.3955, 24.3432



34.5738, 48.3955, 65.3448



50.2261, 48.3955, 97.3311

Rectangle

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



59.6977, 48.3955, 41.7922



51.0835, 48.3955, 24.8475



34.5738, 48.3955, 65.3448



41.2626, 48.3955, 96.0749

Sweetspot

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



59.6990, 48.3979, 41.7931



82.8018, 81.8134, 85.3652



68.3929, 51.6162, 99.2869



17.4269, 17.0725, 17.7008



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.



59.6990, 48.3979, 41.7931



55.9658, 42.2138, 33.0366



67.3601, 64.5730, 41.7174



18.0563, 18.0059, 18.9139



21.6164, 11.1358, 1.3643



2.1204, 1.0905, 0.2155

Inverse Universe

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



59.6990, 48.3979, 41.7931



55.9658, 42.2138, 33.0366



55.6400, 61.6853, 101.9026



18.0563, 18.0059, 18.9139



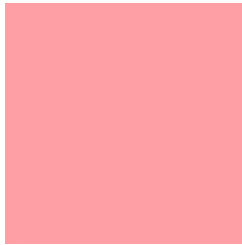
21.6164, 11.1358, 1.3643



2.1204, 1.0905, 0.2155

Previews

White Background



This preview shows how the XYZ color 59.6977, 48.3955, 41.7922 looks on a white background.

Color Contrast Check

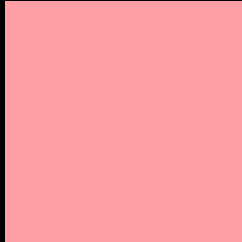
Large Text (above 18pt) WCAG AA × Fail

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 59.6977, 48.3955, 41.7922 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 59.6977, 48.3955, 41.7922

Background



This preview shows how black text looks on a background with the XYZ color 59.6977, 48.3955, 41.7922.



This preview shows how white text looks on a background with the XYZ color 59.6977, 48.3955,

41.7922.

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

59.6977, 48.3955, 41.7922

Protanopia

46.5124, 48.4828, 49.5545

Deuteranopia

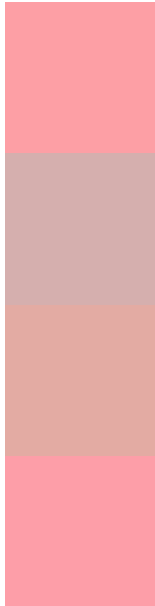
49.5934, 48.4465, 40.9197



Tritanopia

59.9906, 48.2386, 44.1794

Trichromacy



Original Color

59.6977, 48.3955, 41.7922

Protanomaly

50.4105, 47.8621, 46.6258

Deuteranomaly

52.8523, 48.1011, 41.1491

Tritanomaly

59.8028, 48.1635, 43.1903

Monochromacy



Original Color

59.6977, 48.3955, 41.7922

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

51.1117, 48.7366, 49.8932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6977, 48.3955, 41.7922 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(253, 159, 165)` looks like.

```
.text, #text, p{  
    color:rgb(253, 159, 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(253, 159, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 159, 165) }
```

Border

The CSS property to change the border of an element to XYZ 59.6977, 48.3955, 41.7922 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(253, 159, 165) }
```


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

```
.border{ border-color:rgb(253, 159, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 159, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 159, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 159, 165);  
box-shadow:4px 4px 4px 4px rgb(253, 159,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6977, 48.3955, 41.7922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 159, 165) }
```

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

```
.background{ background-color: rgb(253,  
159, 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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