

Converting Colors

XYZ(59.5837, 48.2781, 44.7131)

Have a look what the booklet for
XYZ(59.5837, 48.2781, 44.7131)
contains.

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Color

**XYZ(59.5325, 48.2458,
44.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9FAB
RGB	251, 159, 171
RGB Percent	98%, 62%, 67%
CMY	0.0157, 0.3764, 0.3294
CMYK	0.00, 0.37, 0.32, 0.02
HSL	352°, 92%, 80%
HSV	352°, 37%, 98%
XYZ	59.5325, 48.2458, 44.7027
YIQ	187.8760, 50.9800, 23.2360

Conversions

Conversions Part 2

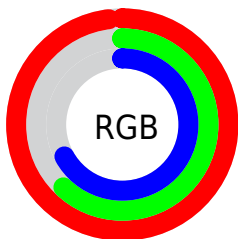
Format	Color
R_{YB}	251, 159, 171
Decimal	16490411
CIE _{Lab}	74.98, 35.65, 8.22
CIE _{LCh}	75, 36.582, 12.978
Yxy	48.2458, 0.3904, 0.3164
Android (android.graphics.Color)	4294680491 (0xFFFB9FAB)
YUV	187.8760, -8.3199, 55.3597
Hunter-Lab	69.4592, 31.4362, 10.4635

Details

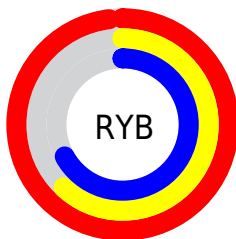
The XYZ color **59.5325, 48.2458, 44.7027** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3775, 82.5984, 94.2159**, and the grayscale version is **47.7563, 50.2433, 54.7150**.

A 20% lighter version of the original color is **79.2679, 75.3519, 82.3180**, and **30.2220, 22.8464, 20.2697** is the 20% darker color. If you saturate the color by 10%, you get **53.7346, 39.7091, 33.3390**, and if you desaturate by 10%, it is **66.5529, 58.6772, 58.1699**.

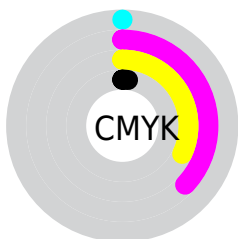
Distribution



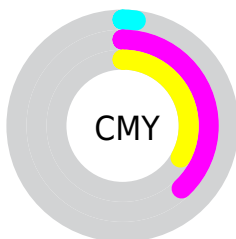
- Red (98%)
- Green (62%)
- Blue (67%)



- Red (98%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5325, 48.2458, 44.7027 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 59.5325, 48.2458, 44.7027 by changing the saturation by 10% instead.


 59.5325, 48.2458,
44.7027


 59.5325, 48.2458,
44.7027


412.7348,
379.7656, 381.6931

 43.2899, 34.0216,
30.8821

 103.2614, 87.5703,
83.5878

 30.3082, 22.9102,
20.2514


 131.4785,
113.4393, 109.4894

 20.2219, 14.5272,
12.3920


164.4178,
143.9587, 140.2550

 12.6656, 8.4882,
6.8855

202.4446,
179.5129, 176.3033

 7.2741, 4.4089,
3.3132

245.9244,
220.4863, 218.0527

 3.6820, 1.9048,
1.2567

295.2225,

 1.5238, 0.5513,

267.2633, 265.9217

0.0259

350.7041,
320.2283, 320.3290

■ 0.3420, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5325, 48.2458,
44.7027

■ 59.5325, 48.2458,
44.7027

■ 53.7346, 39.7091,
33.3390

■ 66.5529, 58.6772,
58.1699

■ 49.0851, 32.9467,
23.9695

■ 74.8565, 71.1003,
73.8367

■ 45.5079, 27.8351,
16.4790

■ 84.5046, 85.6140,
91.7968

■ 42.9157, 24.2322,
10.7396

■ 93.5937, 99.2493,
108.8318

■ 41.2075, 21.9716,
6.6070

■ 40.2586, 20.8452,
3.9124

■ 40.0544, 20.6175,
3.2873

Harmonies

Analogous

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



59.2539, 48.2458, 64.0419



59.5325, 48.2458, 44.7027



55.9004, 48.2458, 31.2490

Triad

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



59.5325, 48.2458, 44.7027



37.6524, 48.2458, 29.9695



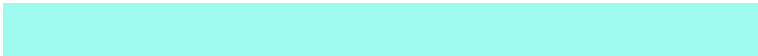
42.2011, 48.2458, 96.0928

Complementary

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



59.5325, 48.2458, 44.7027



64.3775, 82.5984, 94.2159

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.



37.0936, 48.2458, 81.7804



59.5325, 48.2458, 44.7027



34.6474, 48.2458, 42.4901

Square

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



59.5325, 48.2458, 44.7027



43.0343, 48.2458, 24.2400



34.4533, 48.2458, 61.2247



48.7989, 48.2458, 97.1006

Rectangle

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



59.5325, 48.2458, 44.7027



51.9373, 48.2458, 26.1220



34.4533, 48.2458, 61.2247



40.2693, 48.2458, 92.5444

Sweetspot

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



59.5338, 48.2481, 44.7036



83.0638, 81.9182, 86.7446



65.3189, 50.0681, 97.4884



17.4888, 17.0972, 18.0265



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.



59.5338, 48.2481, 44.7036



57.1550, 43.2939, 37.4348



65.0543, 61.0367, 41.1564



17.3367, 17.2620, 18.3629



21.0831, 10.8490, 1.8803



1.9805, 1.0159, 0.3208

Inverse Universe

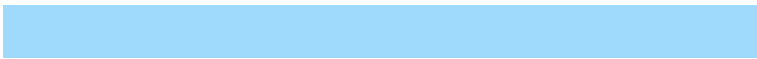
The Inverse Universe completely reimagines the original color for something new.



59.5338, 48.2481, 44.7036



57.1550, 43.2939, 37.4348



56.5943, 64.1013, 100.6569



17.3367, 17.2620, 18.3629



21.0831, 10.8490, 1.8803



1.9805, 1.0159, 0.3208

Previews

White Background



This preview shows how the XYZ color 59.5325, 48.2458, 44.7027 looks on a white background.

Color Contrast Check

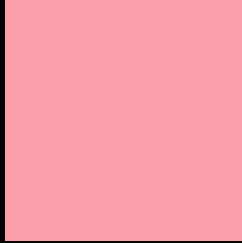
Large Text (above 18pt) WCAG AA × Fail

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 59.5325, 48.2458, 44.7027 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 59.5325, 48.2458, 44.7027

Background



This preview shows how black text looks on a background with the XYZ color 59.5325, 48.2458, 44.7027.



This preview shows how white text looks on a background with the XYZ color 59.5325, 48.2458,

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

59.5325, 48.2458, 44.7027

Protanopia

46.6365, 48.4751, 52.7976

Deuteranopia

49.2828, 48.2233, 43.7563



Tritanopia

59.5325, 48.2458, 44.7027

Trichromacy



Original Color

59.5325, 48.2458, 44.7027



Protanomaly

50.4322, 47.8041, 49.7491



Deuteranomaly

52.4648, 47.8377, 44.0045



Tritanomaly

59.5325, 48.2458, 44.7027

Monochromacy



Original Color

59.5325, 48.2458, 44.7027



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.0296, 48.6706, 50.9608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5325, 48.2458, 44.7027 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(251, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 159, 171)  
}
```

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(251, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 159, 171) }
```

Border

The CSS property to change the border of an element to XYZ 59.5325, 48.2458, 44.7027 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(251, 159, 171) }
```


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

```
.border{ border-color:rgb(251, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 159,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5325, 48.2458, 44.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 159, 171) }
```

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

```
.background{ background-color: rgb(251,  
159, 171) }
```

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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