

Converting Colors

XYZ(61.4465, 48.7781, 53.7600)

Have a look what the booklet for
XYZ(61.4465, 48.7781, 53.7600)
contains.

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Color

**XYZ(61.4488, 48.7800,
53.7537)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9EBC
RGB	252, 158, 188
RGB Percent	99%, 62%, 74%
CMY	0.0118, 0.3804, 0.2627
CMYK	0.00, 0.37, 0.25, 0.01
HSL	341°, 94%, 80%
HSV	341°, 37%, 99%
XYZ	61.4488, 48.7800, 53.7537
YIQ	189.5260, 46.3940, 29.2580

Conversions

Conversions Part 2

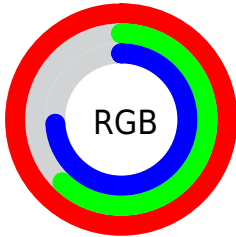
Format	Color
R _Y B	252, 158, 188
Decimal	16555708
CIE Lab	75.31, 38.75, -0.63
CIE LCh	75, 38.752, 359.068
Yxy	48.7800, 0.3747, 0.2975
Android (android.graphics.Color)	4294745788 (0xFFFC9EBC)
YUV	189.5260, -0.7523, 54.7897
Hunter-Lab	69.8427, 34.8227, 3.2579

Details

The XYZ color **61.4488, 48.7800, 53.7537** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.0979, 82.1650, 81.6979**, and the grayscale version is **48.6579, 51.1919, 55.7480**.

A 20% lighter version of the original color is **81.6157, 75.8848, 95.9336**, and **31.6729, 23.3218, 25.7539** is the 20% darker color. If you saturate the color by 10%, you get **55.8417, 40.3519, 43.2950**, and if you desaturate by 10%, it is **68.1598, 59.0632, 65.6665**.

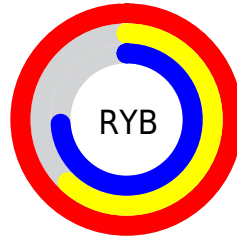
Distribution



Red (99%)

Green (62%)

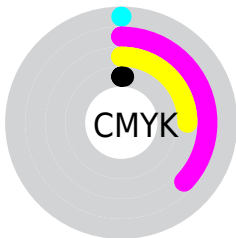
Blue (74%)



Red (99%)

Yellow (62%)

Blue (74%)

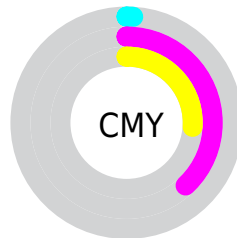


Cyan (0%)

Magenta (37%)

Yellow (25%)

Black (1%)



Cyan (1%)


Magenta (38%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4488, 48.7800, 53.7537 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 61.4488, 48.7800, 53.7537 by changing the saturation by 10% instead.


 61.4488, 48.7800,
53.7537


 61.4488, 48.7800,
53.7537


419.6673,
381.8756, 418.3181

 44.8414, 34.4450,
38.0129


 106.0229, 88.3646,
97.1653

 31.5333, 23.2357,
25.6908


 134.7204,
114.3830, 125.6732

 21.1591, 14.7676,
16.3688

168.1785,
145.0647, 159.2738

 13.3534, 8.6565,
9.6283

206.7627,
180.7940, 198.3859

 7.7510, 4.5178,
5.0509

250.8383,
221.9553, 243.4278

 3.9865, 1.9672,
2.2179

300.7707,

 1.6945, 0.5883,

268.9331, 294.8181

0.6847

356.9253,
322.1117, 352.9754

■ 0.4528, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4488, 48.7800,
53.7537

■ 61.4488, 48.7800,
53.7537

■ 55.8417, 40.3519,
43.2950

■ 68.1598, 59.0632,
65.6665

■ 51.2726, 33.6604,
34.2289

■ 76.0276, 71.2968,
79.0854

■ 47.6744, 28.5841,
26.4935

■ 85.1064, 85.5776,
94.0633

■ 44.9702, 24.9830,
20.0206

■ 93.9550, 99.4355,
108.8488

■ 43.0703, 22.6923,
14.7348

■ 41.8606, 21.4999,
10.5485

■ 41.6084, 21.2809,
9.5849

Harmonies

Analogous

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



59.1307, 48.7800, 75.9313



61.4488, 48.7800, 53.7537



59.3931, 48.7800, 36.2461

Triad

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



61.4488, 48.7800, 53.7537



40.0237, 48.7800, 25.6792



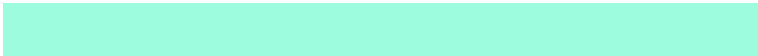
39.6749, 48.7800, 94.3580

Complementary

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



61.4488, 48.7800, 53.7537



62.0979, 82.1650, 81.6979

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.



35.3948, 48.7800, 74.5375



61.4488, 48.7800, 53.7537



35.5812, 48.7800, 35.3963

Square

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



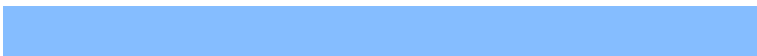
61.4488, 48.7800, 53.7537



46.5871, 48.7800, 22.7577



33.9750, 48.7800, 52.4777



46.1415, 48.7800, 102.7708

Rectangle

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



61.4488, 48.7800, 53.7537



55.9273, 48.7800, 28.6513



33.9750, 48.7800, 52.4777



37.9581, 48.7800, 88.5948

Sweetspot

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



61.4502, 48.7823, 53.7547



83.8214, 82.2212, 90.7340



59.5168, 46.8045, 97.9930



17.6682, 17.1690, 18.9712



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.



61.4502, 48.7823, 53.7547



58.5773, 43.2584, 46.7884



61.3899, 53.3099, 39.4049



17.4728, 17.3165, 19.0797



21.7333, 11.1090, 5.3038



2.0589, 1.0473, 0.7337

Inverse Universe

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



61.4502, 48.7823, 53.7547



58.5773, 43.2584, 46.7884



61.7645, 74.4819, 103.2168



17.4728, 17.3165, 19.0797



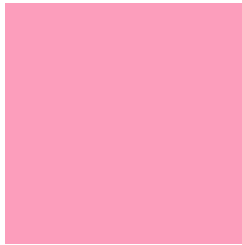
21.7333, 11.1090, 5.3038



2.0589, 1.0473, 0.7337

Previews

White Background



This preview shows how the XYZ color 61.4488, 48.7800, 53.7537 looks on a white background.

Color Contrast Check

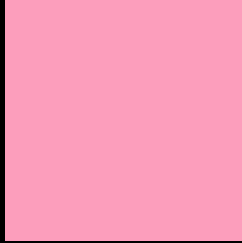
Large Text (above 18pt) WCAG AA × Fail

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 61.4488, 48.7800, 53.7537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

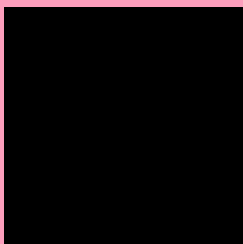
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4488, 48.7800, 53.7537

Background



This preview shows how black text looks on a background with the XYZ color 61.4488, 48.7800, 53.7537.



This preview shows how white text looks on a background with the XYZ color 61.4488, 48.7800,

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

61.4488, 48.7800, 53.7537

Protanopia

48.0152, 49.2479, 64.1019

Deuteranopia

49.8748, 48.9406, 52.1652



Tritanopia

59.7120, 48.8309, 45.8133

Trichromacy



Original Color

61.4488, 48.7800, 53.7537

Protanomaly

51.8175, 48.2925, 60.0164

Deuteranomaly

53.3283, 48.3800, 52.4265

Tritanomaly

60.3903, 48.8652, 48.3685

Monochromacy



Original Color

61.4488, 48.7800, 53.7537

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

52.5463, 49.6610, 54.9602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4488, 48.7800, 53.7537 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(252, 158, 188)` looks like.

```
.text, #text, p{  
    color:rgb(252, 158, 188)  
}
```

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(252, 158, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 158, 188) }
```

Border

The CSS property to change the border of an element to XYZ 61.4488, 48.7800, 53.7537 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(252, 158, 188) }
```


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

```
.border{ border-color:rgb(252, 158, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 158, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 158, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 158, 188);  
box-shadow:4px 4px 4px 4px rgb(252, 158,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4488, 48.7800, 53.7537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 158, 188) }
```

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

```
.background{ background-color: rgb(252,  
158, 188) }
```

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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