

Converting Colors

XYZ(60.7162, 48.4085, 51.9917)

Have a look what the booklet for
XYZ(60.7162, 48.4085, 51.9917)
contains.

XYZ(60.7675, 48.4657, 52.0510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.7675, 48.4657,
52.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9EB9
RGB	251, 158, 185
RGB Percent	98%, 62%, 73%
CMY	0.0157, 0.3804, 0.2745
CMYK	0.00, 0.37, 0.26, 0.02
HSL	343°, 92%, 80%
HSV	343°, 37%, 98%
XYZ	60.7675, 48.4657, 52.0510
YIQ	188.8850, 46.7610, 28.1130

Conversions

Conversions Part 2

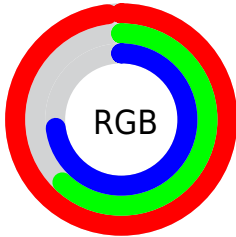
Format	Color
R_{YB}	251, 158, 185
Decimal	16490169
CIE _{Lab}	75.12, 37.99, 0.72
CIE _{LCh}	75, 37.997, 1.082
Yxy	48.4657, 0.3768, 0.3005
Android (android.graphics.Color)	4294680249 (0xFFFB9EB9)
YUV	188.8850, -1.9153, 54.4749
Hunter-Lab	69.6173, 33.9786, 4.4026

Details

The XYZ color **60.7675, 48.4657, 52.0510** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.0544, 81.6465, 83.0138**, and the grayscale version is **48.2971, 50.8124, 55.3347**.

A 20% lighter version of the original color is **81.1638, 75.7040, 93.5536**, and **31.2088, 23.1066, 24.6449** is the 20% darker color. If you saturate the color by 10%, you get **55.1509, 40.0557, 41.4748**, and if you desaturate by 10%, it is **67.4967, 58.7232, 64.1616**.

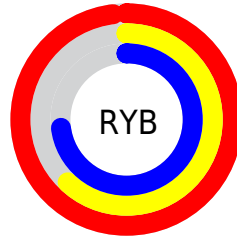
Distribution



Red (98%)

Green (62%)

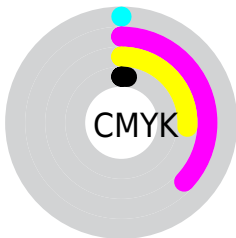
Blue (73%)



Red (98%)

Yellow (62%)

Blue (73%)

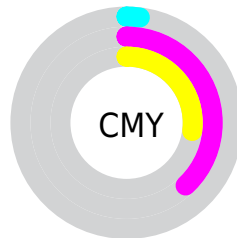


Cyan (0%)

Magenta (37%)

Yellow (26%)

Black (2%)



Cyan (2%)

Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7675, 48.4657, 52.0510 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 60.7675, 48.4657, 52.0510 by changing the saturation by 10% instead.


 60.7675, 48.4657,
52.0510


 60.7675, 48.4657,
52.0510


417.2106,
380.6351, 411.5960

 44.2894, 34.1958,
36.6632


 105.0422, 87.8974,
94.6338

 31.0970, 23.0441,
24.6531

 133.5696,
113.8280, 122.6659

 20.8249, 14.6261,
15.6021


166.8440,
144.4143, 155.7498

 13.1078, 8.5574,
9.0918

205.2310,
180.0407, 194.3041

 7.5803, 4.4536,
4.7034

249.0957,
221.0916, 238.7474

 3.8771, 1.9304,
2.0187

298.8037,

 1.6329, 0.5666,

267.9513, 289.4981

0.5667

354.7202,
321.0044, 346.9748

■ 0.4137, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7675, 48.4657,
52.0510

■ 60.7675, 48.4657,
52.0510

■ 55.1509, 40.0557,
41.4748

■ 67.4967, 58.7232,
64.1616

■ 50.5807, 33.3755,
32.3665

■ 75.3918, 70.9225,
77.8635

■ 46.9894, 28.3049,
24.6588

■ 84.5073, 85.1599,
93.2139

■ 44.2999, 24.7050,
18.2775

■ 93.5938, 99.2493,
108.8319

■ 42.4223, 22.4131,
13.1401

■ 41.2436, 21.2218,
9.1523

■ 40.9819, 20.9885,
8.1705

Harmonies

Analogous

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



58.7871, 48.4657, 73.5364



60.7675, 48.4657, 52.0510



58.4905, 48.4657, 35.3684

Triad

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



60.7675, 48.4657, 52.0510



39.5017, 48.4657, 26.3016



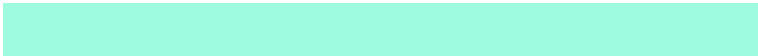
39.8978, 48.4657, 93.8837

Complementary

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



60.7675, 48.4657, 52.0510



62.0544, 81.6465, 83.0138

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.



35.5373, 48.4657, 75.1102



60.7675, 48.4657, 52.0510



35.3253, 48.4657, 36.3364

Square

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



60.7675, 48.4657, 52.0510



45.8131, 48.4657, 22.9988



33.9490, 48.4657, 53.4974



46.3182, 48.4657, 101.0588

Rectangle

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



60.7675, 48.4657, 52.0510



54.9851, 48.4657, 28.2337



33.9490, 48.4657, 53.4974



38.1663, 48.4657, 88.5209

Sweetspot

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



60.7688, 48.4680, 52.0520



83.7042, 82.1743, 90.1169



60.1035, 47.1252, 97.1955



17.6404, 17.1579, 18.8248



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.



60.7688, 48.4680, 52.0520



58.8067, 43.9546, 46.1329



61.6002, 54.2667, 39.5784



17.4518, 17.3081, 18.9690



21.5962, 11.0542, 4.5819



2.0441, 1.0414, 0.6555

Inverse Universe

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



60.7688, 48.4680, 52.0520



58.8067, 43.9546, 46.1329



60.4843, 72.1744, 102.0104



17.4518, 17.3081, 18.9690



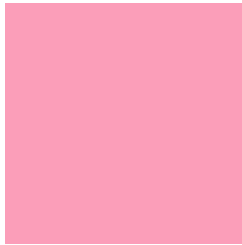
21.5962, 11.0542, 4.5819



2.0441, 1.0414, 0.6555

Previews

White Background



This preview shows how the XYZ color 60.7675, 48.4657, 52.0510 looks on a white background.

Color Contrast Check

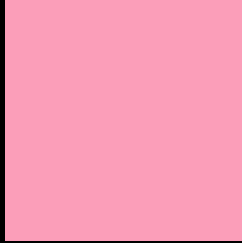
Large Text (above 18pt) WCAG AA × Fail

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 60.7675, 48.4657, 52.0510 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 60.7675, 48.4657, 52.0510

Background



This preview shows how black text looks on a background with the XYZ color 60.7675, 48.4657, 52.0510.



This preview shows how white text looks on a background with the XYZ color 60.7675, 48.4657,

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

60.7675, 48.4657, 52.0510

Protanopia

47.4503, 48.6884, 62.1552

Deuteranopia

49.6374, 48.5555, 50.4720



Tritanopia

59.4415, 48.4442, 45.2475

Trichromacy



Original Color

60.7675, 48.4657, 52.0510



Protanomaly

51.1927, 48.0100, 58.1985



Deuteranomaly

53.1306, 48.0328, 50.7269



Tritanomaly

59.7583, 48.2946, 47.7672

Monochromacy



Original Color

60.7675, 48.4657, 52.0510



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.1489, 49.4687, 54.3768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7675, 48.4657, 52.0510 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, 158, 185)` looks like.

```
.text, #text, p{  
    color:rgb(251, 158, 185)  
}
```

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, 158, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 158, 185) }
```

Border

The CSS property to change the border of an element to XYZ 60.7675, 48.4657, 52.0510 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, 158, 185) }
```


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

```
.border{ border-color:rgb(251, 158, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 158, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 158, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 158, 185);  
box-shadow:4px 4px 4px 4px rgb(251, 158,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7675, 48.4657, 52.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 158, 185) }
```

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

```
.background{ background-color: rgb(251,  
158, 185) }
```

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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