

Converting Colors

XYZ(61.1105, 48.1032, 53.6409)

Have a look what the booklet for
XYZ(61.1105, 48.1032, 53.6409)
contains.

XYZ(61.1105, 48.1032, 53.6409)	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(61.1105, 48.1032,
53.6409)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9CBC
RGB	252, 156, 188
RGB Percent	99%, 61%, 74%
CMY	0.0118, 0.3882, 0.2627
CMYK	0.00, 0.38, 0.25, 0.01
HSL	340°, 94%, 80%
HSV	340°, 38%, 99%
XYZ	61.1105, 48.1032, 53.6409
YIQ	188.3520, 46.9440, 30.3040

Conversions

Conversions Part 2

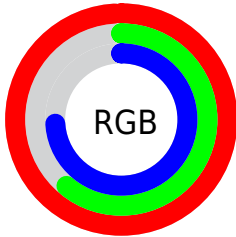
Format	Color
R _Y B	252, 156, 188
Decimal	16555196
CIE Lab	74.89, 39.78, -1.25
CIE LCh	75, 39.801, 358.198
Yxy	48.1032, 0.3752, 0.2954
Android (android.graphics.Color)	4294745276 (0xFFFC9CBC)
YUV	188.3520, -0.1735, 55.8193
Hunter-Lab	69.3565, 35.9038, 2.6941

Details

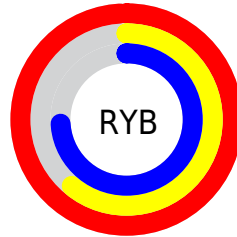
The XYZ color **61.1105, 48.1032, 53.6409** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.4412, 81.8574, 80.2761**, and the grayscale version is **47.9836, 50.4824, 54.9754**.

A 20% lighter version of the original color is **81.1126, 74.8786, 95.7659**, and **31.2157, 22.7872, 25.6748** is the 20% darker color. If you saturate the color by 10%, you get **55.6052, 39.8241, 43.3842**, and if you desaturate by 10%, it is **67.7065, 58.2255, 65.3025**.

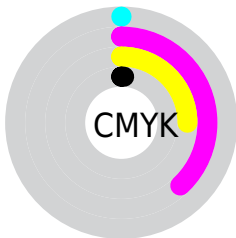
Distribution



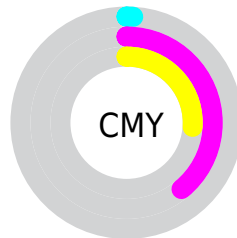
- Red (99%)
- Green (61%)
- Blue (74%)



- Red (99%)
- Yellow (61%)
- Blue (74%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)
- Black (1%)





- Cyan (1%)
- Magenta (39%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1105, 48.1032, 53.6409 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 61.1105, 48.1032, 53.6409 by changing the saturation by 10% instead.


 61.1105, 48.1032,
53.6409


 61.1105, 48.1032,
53.6409


418.4485,
379.2010, 417.8750

 44.5672, 33.9086,
37.9234


 105.5361, 87.3580,
96.9979

 31.3165, 22.8234,
25.6219


 134.1492,
113.1871, 125.4744

 20.9930, 14.4632,
16.3178


167.5162,
143.6631, 159.0411

 13.2313, 8.4435,
9.5925

206.0026,
179.1704, 198.1164

 7.6661, 4.3800,
5.0276

249.9736,
220.0935, 243.1189

 3.9321, 1.8883,
2.2044

299.7947,

 1.6638, 0.5414,

266.8167, 294.4672

0.6769

355.8312,
319.7244, 352.5797

■ 0.4334, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1105, 48.1032,
53.6409

■ 61.1105, 48.1032,
53.6409

■ 55.6052, 39.8241,
43.3842

■ 67.7065, 58.2255,
65.3025

■ 51.1247, 33.2691,
34.4734

■ 75.4460, 70.2868,
78.4188

■ 47.6020, 28.3159,
26.8491

■ 84.3831, 84.3843,
93.0407

■ 44.9599, 24.8231,
20.4457

■ 93.9551, 99.4356,
108.8488

■ 43.1080, 22.6238,
15.1905

■ 41.9256, 21.4912,
10.9972

■ 41.7450, 21.3355,
10.3037

Harmonies

Analogous

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



58.6153, 48.1032, 76.3471



61.1105, 48.1032, 53.6409



59.1338, 48.1032, 35.6914

Triad

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



61.1105, 48.1032, 53.6409



39.4472, 48.1032, 24.4902



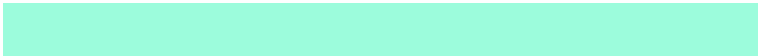
38.7635, 48.1032, 94.1407

Complementary

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



61.1105, 48.1032, 53.6409



61.4412, 81.8574, 80.2761

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.



34.5066, 48.1032, 73.5873



61.1105, 48.1032, 53.6409



34.8710, 48.1032, 34.0349

Square

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



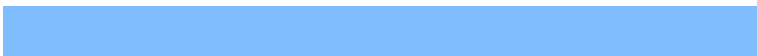
61.1105, 48.1032, 53.6409



46.1601, 48.1032, 21.7572



33.1593, 48.1032, 51.1316



45.2840, 48.1032, 103.2468

Rectangle

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



61.1105, 48.1032, 53.6409



55.6520, 48.1032, 27.9038



33.1593, 48.1032, 51.1316



37.0472, 48.1032, 88.1137

Sweetspot

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



61.1119, 48.1055, 53.6419



83.8792, 82.2443, 91.0387



58.9763, 46.0234, 97.8710



17.6819, 17.1745, 19.0435



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.



61.1119, 48.1055, 53.6419



58.2010, 42.5172, 46.6274



60.8999, 52.6032, 38.3989



17.4832, 17.3206, 19.1343



21.8061, 11.1382, 5.6876



2.0666, 1.0504, 0.7744

Inverse Universe

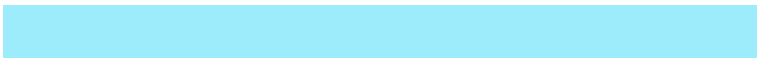
The Inverse Universe completely reimagines the original color for something new.



61.1119, 48.1055, 53.6419



58.2010, 42.5172, 46.6274



61.2782, 74.0887, 103.1668



17.4832, 17.3206, 19.1343



21.8061, 11.1382, 5.6876



2.0666, 1.0504, 0.7744

Previews

White Background



This preview shows how the XYZ color 61.1105, 48.1032, 53.6409 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 61.1105, 48.1032, 53.6409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

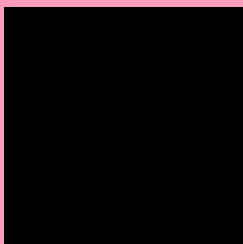
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1105, 48.1032, 53.6409

Background



This preview shows how black text looks on a background with the XYZ color 61.1105, 48.1032, 53.6409.



This preview shows how white text looks on a background with the XYZ color 61.1105, 48.1032,

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

61.1105, 48.1032, 53.6409

Protanopia

47.2443, 48.2198, 64.5749

Deuteranopia

49.4004, 48.3974, 52.0853



Tritanopia

59.1732, 48.0605, 44.6859

Trichromacy



Original Color

61.1105, 48.1032, 53.6409

Protanomaly

50.9845, 47.2761, 60.4708

Deuteranomaly

53.1387, 48.0008, 52.3633

Tritanomaly

59.9463, 48.1373, 47.7269

Monochromacy



Original Color

61.1105, 48.1032, 53.6409

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

51.4664, 48.5304, 54.2317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1105, 48.1032, 53.6409 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, 156, 188)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 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, 156, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 188) }
```

Border

The CSS property to change the border of an element to XYZ 61.1105, 48.1032, 53.6409 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, 156, 188) }
```


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

```
.border{ border-color:rgb(252, 156, 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, 156, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 156, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 156, 188); box-shadow:4px 4px 4px 4px rgb(252, 156, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1105, 48.1032, 53.6409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 188) }
```

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

```
.background{ background-color: rgb(252,  
156, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor