

Converting Colors

XYZ(61.1206, 48.1704, 48.1743)

Have a look what the booklet for
XYZ(61.1206, 48.1704, 48.1743)
contains.

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Color

**XYZ(61.1643, 48.2513,
48.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CB2
RGB	255, 156, 178
RGB Percent	100%, 61%, 70%
CMY	0.0000, 0.3882, 0.3020
CMYK	0.00, 0.39, 0.30, 0.00
HSL	347°, 100%, 81%
HSV	347°, 39%, 100%
XYZ	61.1643, 48.2513, 48.2092
YIQ	188.1090, 51.9420, 27.8300

Conversions

Conversions Part 2

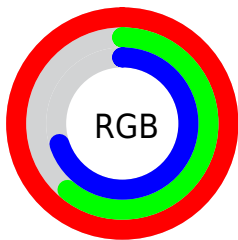
Format	Color
R_{YB}	255, 156, 178
Decimal	16751794
CIE _{Lab}	74.98, 39.51, 4.43
CIE _{LCh}	75, 39.754, 6.401
Yxy	48.2513, 0.3880, 0.3061
Android (android.graphics.Color)	4294941874 (0xFFFF9CB2)
YUV	188.1090, -4.9837, 58.6634
Hunter-Lab	69.4632, 35.6138, 7.4754

Details

The XYZ color **61.1643, 48.2513, 48.2092** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.1804, 84.4721, 90.0172**, and the grayscale version is **47.8699, 50.3629, 54.8452**.

A 20% lighter version of the original color is **79.6348, 74.2875, 87.9836**, and **31.3169, 22.9169, 22.1749** is the 20% darker color. If you saturate the color by 10%, you get **55.4761, 39.8348, 37.1880**, and if you desaturate by 10%, it is **68.0412, 58.5839, 61.0483**.

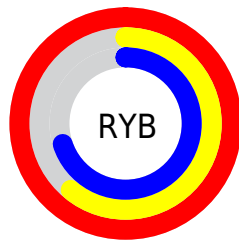
Distribution



Red (100%)

Green (61%)

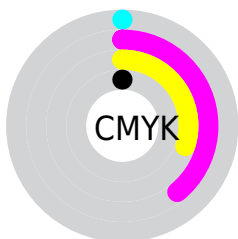
Blue (70%)



Red (100%)

Yellow (61%)

Blue (70%)

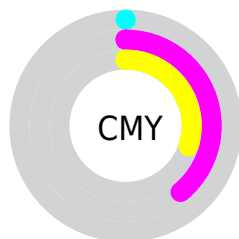


Cyan (0%)

Magenta (39%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1643, 48.2513, 48.2092 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 61.1643, 48.2513, 48.2092 by changing the saturation by 10% instead.


 61.1643, 48.2513,
48.2092


 61.1643, 48.2513,
48.2092


418.6425,
379.7874, 396.1534

 44.6108, 34.0259,
33.6314

 105.6136, 87.5784,
88.8846

 31.3510, 22.9135,
22.3355


 134.2401,
113.4490, 115.8193

 21.0194, 14.5297,
13.9030

167.6216,
143.9701, 147.7100

 13.2507, 8.4900,
7.9152

206.1235,
179.5261, 184.9753

 7.6796, 4.4100,
3.9538

250.1112,
220.5015, 228.0338

 3.9407, 1.9055,
1.6000

299.9501,

 1.6686, 0.5517,

267.2805, 277.3039

0.2908

356.0053,
320.2477, 333.2043

■ 0.4365, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1643, 48.2513,
48.2092

■ 61.1643, 48.2513,
48.2092

■ 55.4761, 39.8348,
37.1880

■ 68.0412, 58.5839,
61.0483

■ 50.9038, 33.2092,
27.8981

■ 76.1662, 70.9337,
75.7806

■ 47.3724, 28.2452,
20.2501

■ 85.5994, 85.4030,
92.4805

■ 44.7956, 24.7934,
14.1448

95.0500, 100.0000,
108.9000

■ 43.0724, 22.6768,
9.4714

■ 42.0619, 21.6410,
6.0971

■ 41.9700, 21.5520,
5.7739

Harmonies

Analogous

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



59.8657, 48.2513, 70.2050



61.1643, 48.2513, 48.2092



58.0278, 48.2513, 32.2204

Triad

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



61.1643, 48.2513, 48.2092



38.0729, 48.2513, 26.5001



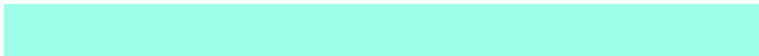
40.5015, 48.2513, 98.2974

Complementary

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



61.1643, 48.2513, 48.2092



64.1804, 84.4721, 90.0172

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.



35.5269, 48.2513, 79.9839



61.1643, 48.2513, 48.2092



34.2315, 48.2513, 38.1145

Square

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



61.1643, 48.2513, 48.2092



44.3241, 48.2513, 22.0013



33.3509, 48.2513, 57.1173



47.4339, 48.2513, 103.0666

Rectangle

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



61.1643, 48.2513, 48.2092



54.0203, 48.2513, 25.7967



33.3509, 48.2513, 57.1173



38.5684, 48.2513, 93.3233

Sweetspot

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



61.1656, 48.2536, 48.2101



82.4552, 80.5673, 86.9537



63.1864, 48.1386, 100.5691



17.3807, 16.8332, 18.1383



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.



61.1656, 48.2536, 48.2101



56.4268, 41.2306, 39.0634



64.0524, 57.2826, 39.1363



18.1746, 18.0531, 19.5365



21.9756, 11.2795, 3.2558



2.1785, 1.1138, 0.5215

Inverse Universe

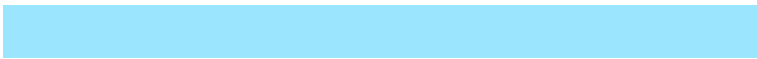
The Inverse Universe completely reimagines the original color for something new.



61.1656, 48.2536, 48.2101



56.4268, 41.2306, 39.0634



59.6709, 70.1071, 104.9948



18.1746, 18.0531, 19.5365



21.9756, 11.2795, 3.2558



2.1785, 1.1138, 0.5215

Previews

White Background



This preview shows how the XYZ color 61.1643, 48.2513, 48.2092 looks on a white background.

Color Contrast Check

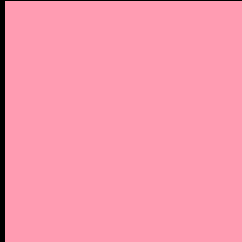
Large Text (above 18pt) WCAG AA × Fail

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 61.1643, 48.2513, 48.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

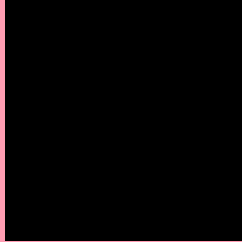
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1643, 48.2513, 48.2092

Background



This preview shows how black text looks on a background with the XYZ color 61.1643, 48.2513, 48.2092.



This preview shows how white text looks on a background with the XYZ color 61.1643, 48.2513,

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

61.1643, 48.2513, 48.2092

Protanopia

47.1278, 48.6151, 57.9387

Deuteranopia

49.4922, 48.5616, 46.8092



Tritanopia

60.0915, 48.0493, 43.6434

Trichromacy



Original Color

61.1643, 48.2513, 48.2092



Protanomaly

51.0771, 47.7518, 54.1019



Deuteranomaly

53.0412, 48.0683, 47.0400



Tritanomaly

60.3764, 48.1633, 45.1440

Monochromacy



Original Color

61.1643, 48.2513, 48.2092



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.3284, 48.5084, 52.0052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1643, 48.2513, 48.2092 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(255, 156, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 178)  
}
```

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(255, 156, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 178) }
```

Border

The CSS property to change the border of an element to XYZ 61.1643, 48.2513, 48.2092 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(255, 156, 178) }
```


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

```
.border{ border-color:rgb(255, 156, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1643, 48.2513, 48.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 178) }
```

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

```
.background{ background-color: rgb(255,  
156, 178) }
```

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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