

Converting Colors

XYZ(66.4864, 51.9955, 61.5521)

Have a look what the booklet for
XYZ(66.4864, 51.9955, 61.5521)
contains.

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Color

**XYZ(64.5275, 50.9668,
61.6949)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1C9
RGB	255, 161, 201
RGB Percent	100%, 63%, 79%
CMY	0.0000, 0.3686, 0.2118
CMYK	0.00, 0.37, 0.21, 0.00
HSL	334°, 100%, 82%
HSV	334°, 37%, 100%
XYZ	64.5275, 50.9668, 61.6949
YIQ	193.6660, 43.1840, 32.3680

Conversions

Conversions Part 2

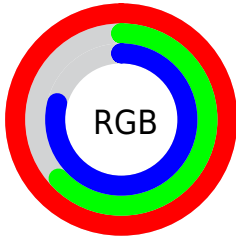
Format	Color
R_{YB}	255, 161, 201
Decimal	16753097
CIE _{Lab}	76.66, 40.05, -5.74
CIE _{LCh}	77, 40.464, 351.843
Yxy	50.9668, 0.3642, 0.2876
Android (android.graphics.Color)	4294943177 (0xFFFFA1C9)
YUV	193.6660, 3.6157, 53.7899
Hunter-Lab	71.3910, 36.4047, -1.2637

Details

The XYZ color **64.5275, 50.9668, 61.6949** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.7257, 84.0043, 77.2021**, and the grayscale version is **51.0435, 53.7018, 58.4812**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **33.6550, 24.7020, 30.5979** is the 20% darker color. If you saturate the color by 10%, you get **58.8751, 42.2897, 51.7101**, and if you desaturate by 10%, it is **71.2553, 61.5314, 72.8504**.

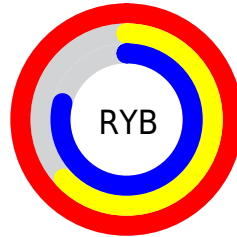
Distribution



Red (100%)

Green (63%)

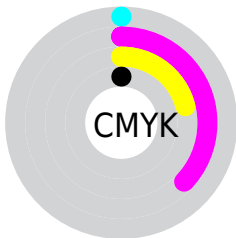
Blue (79%)



Red (100%)

Yellow (63%)

Blue (79%)

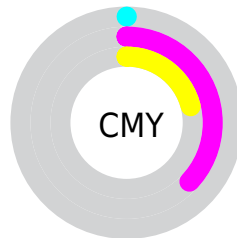


Cyan (0%)

Magenta (37%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5275, 50.9668, 61.6949 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 64.5275, 50.9668, 61.6949 by changing the saturation by 10% instead.


 64.5275, 50.9668,
61.6949

 64.5275, 50.9668,
61.6949


430.6642,
390.4348, 448.7942

 47.3413, 36.1822,
44.3520

 110.4398, 91.6057,
108.8518

 33.5146, 24.5749,
30.6081


 139.8966,
118.2288, 139.5028

 22.6821, 15.7607,
20.0447


174.1743,
149.5668, 175.4271

 14.4784, 9.3549,
12.2431

213.6383,
186.0041, 217.0430

 8.5380, 4.9734,
6.7849

258.6539,
227.9252, 264.7691

 4.4958, 2.2317,
3.2516

309.5865,

 1.9863, 0.7372,

275.7144, 319.0240

1.2245

366.8015,
329.7561, 380.2262

■ 0.6262, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5275, 50.9668,
61.6949

■ 64.5275, 50.9668,
61.6949

■ 58.8751, 42.2897,
51.7101

■ 71.2553, 61.5314,
72.8504

■ 54.2344, 35.3804,
42.8503

■ 79.1102, 74.0803,
85.2136

■ 50.5400, 30.1156,
35.0707

■ 88.1448, 88.7116,
98.8235

■ 47.7170, 26.3537,
28.3216

95.0500, 100.0000,
108.9000

■ 45.6780, 23.9280,
22.5479

■ 44.3133, 22.6284,
17.6853

■ 43.9736, 22.3535,
16.3251

Harmonies

Analogous

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



60.9666, 50.9668, 85.8353



64.5275, 50.9668, 61.6949



63.4344, 50.9668, 41.2375

Triad

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



64.5275, 50.9668, 61.6949



43.1683, 50.9668, 24.8349



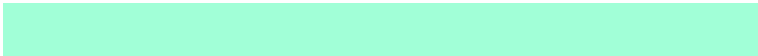
39.9034, 50.9668, 95.6928

Complementary

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



64.5275, 50.9668, 61.6949



62.7257, 84.0043, 77.2021

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.



36.0208, 50.9668, 72.7078



64.5275, 50.9668, 61.6949



37.7628, 50.9668, 33.3064

Square

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



64.5275, 50.9668, 61.6949



50.5617, 50.9668, 23.3443



35.2806, 50.9668, 49.7235



46.3832, 50.9668, 108.5744

Rectangle

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



64.5275, 50.9668, 61.6949



60.2598, 50.9668, 31.8501



35.2806, 50.9668, 49.7235



38.2807, 50.9668, 88.6438

Sweetspot

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



64.5287, 50.9691, 61.6959



84.2585, 82.3960, 93.0357



58.6063, 47.0487, 100.6002



17.7720, 17.2105, 19.5179



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.



64.5287, 50.9691, 61.6959



60.3860, 44.5863, 54.4494



61.5423, 51.5709, 40.4317



18.3301, 18.1154, 20.3556



23.0482, 11.7086, 8.9042



2.2974, 1.1613, 1.1476

Inverse Universe

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



64.5287, 50.9691, 61.6959



60.3860, 44.5863, 54.4494



66.5427, 82.3846, 107.0024



18.3301, 18.1154, 20.3556



23.0482, 11.7086, 8.9042



2.2974, 1.1613, 1.1476

Previews

White Background



This preview shows how the XYZ color 64.5275, 50.9668, 61.6949 looks on a white background.

Color Contrast Check

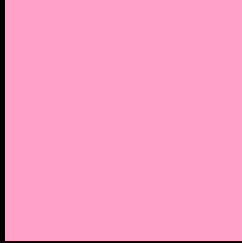
Large Text (above 18pt) WCAG AA × Fail

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 64.5275, 50.9668, 61.6949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

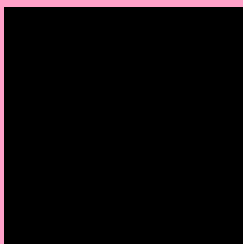
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5275, 50.9668, 61.6949

Background



This preview shows how black text looks on a background with the XYZ color 64.5275, 50.9668, 61.6949.



This preview shows how white text looks on a background with the XYZ color 64.5275, 50.9668,

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

64.5275, 50.9668, 61.6949

Protanopia

50.4053, 51.2187, 73.5592

Deuteranopia

52.3954, 51.2913, 59.9620



Tritanopia

61.6359, 50.8201, 48.6802

Trichromacy



Original Color

64.5275, 50.9668, 61.6949



Protanomaly

54.3824, 50.2959, 69.1292



Deuteranomaly

56.1498, 50.8159, 60.2751



Tritanomaly

62.6464, 50.9787, 52.9924

Monochromacy



Original Color

64.5275, 50.9668, 61.6949



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.1249, 52.0860, 59.9715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5275, 50.9668, 61.6949 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, 161, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 201)  
}
```

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, 161, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 201) }
```

Border

The CSS property to change the border of an element to XYZ 64.5275, 50.9668, 61.6949 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, 161, 201) }
```


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

```
.border{ border-color:rgb(255, 161, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5275, 50.9668, 61.6949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 201) }
```

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

```
.background{ background-color: rgb(255,  
161, 201) }
```

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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