

Converting Colors

XYZ(91.2425, 65.5303, 68.3058)

Have a look what the booklet for
XYZ(91.2425, 65.5303, 68.3058)
contains.

XYZ(66.0241, 52.4144, 66.9587)	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(66.0241, 52.4144,
66.9587)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4D1
RGB	255, 164, 209
RGB Percent	100%, 64%, 82%
CMY	0.0000, 0.3568, 0.1804
CMYK	0.00, 0.36, 0.18, 0.00
HSL	330°, 100%, 82%
HSV	330°, 36%, 100%
XYZ	66.0241, 52.4144, 66.9587
YIQ	196.3390, 39.7910, 33.2870

Conversions

Conversions Part 2

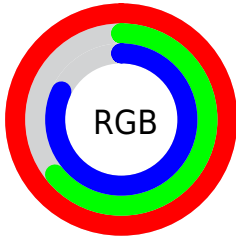
Format	Color
R _Y B	255, 164, 209
Decimal	16753873
CIE Lab	77.53, 39.68, -8.82
CIE LCh	78, 40.648, 347.465
Yxy	52.4144, 0.3561, 0.2827
Android (android.graphics.Color)	4294943953 (0xFFFFA4D1)
YUV	196.3390, 6.2419, 51.4457
Hunter-Lab	72.3978, 36.0892, -4.1572

Details

The XYZ color **66.0241, 52.4144, 66.9587** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.7047, 84.0666, 73.8979**, and the grayscale version is **52.6210, 55.3614, 60.2886**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **34.6268, 25.6058, 34.1277** is the 20% darker color. If you saturate the color by 10%, you get **60.3777, 43.5732, 57.5186**, and if you desaturate by 10%, it is **72.7170, 63.1416, 77.3861**.

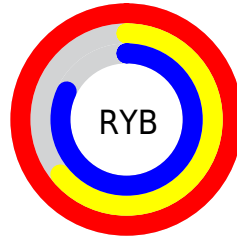
Distribution



Red (100%)

Green (64%)

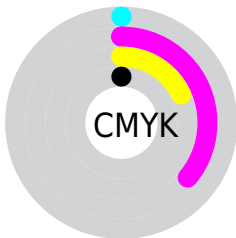
Blue (82%)



Red (100%)

Yellow (64%)

Blue (82%)

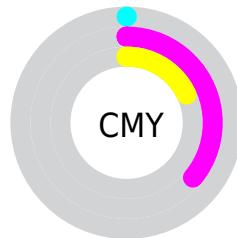


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0241, 52.4144, 66.9587 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 66.0241, 52.4144, 66.9587 by changing the saturation by 10% instead.


 66.0241, 52.4144,
66.9587


 66.0241, 52.4144,
66.9587


435.9503,
396.0343, 468.2952

 48.5597, 37.3355,
48.5897


 112.5785, 93.7421,
116.5013

 34.4835, 25.4674,
33.9308


 142.3992,
120.7597, 148.5120

 23.4299, 16.4256,
22.5635


177.0694,
152.5256, 185.9070

 15.0337, 9.8258,
14.0693

216.9545,
189.4243, 229.1048

 8.9295, 5.2836,
8.0296

262.4197,
231.8401, 278.5240

 4.7520, 2.4146,
4.0258

313.8306,

 2.1357, 0.8334,

280.1575, 334.5831

1.6395

371.5523,
334.7607, 397.7007

■ 0.7085, 0.0000,
0.3188

■ 0.0000, 0.0000,
0.0000

■ 66.0241, 52.4144,
66.9587

■ 66.0241, 52.4144,
66.9587

■ 60.3777, 43.5732,
57.5186

■ 72.7170, 63.1416,
77.3861

■ 55.7160, 36.4997,
49.0282

■ 80.5060, 75.8497,
88.8299

■ 51.9762, 31.0734,
41.4518

■ 89.4420, 90.6358,
101.3217

■ 49.0862, 27.1553,
34.7491

95.0500, 100.0000,
108.9000

■ 46.9623, 24.5830,
28.8752

■ 45.5011, 23.1560,
23.7781

■ 45.0119, 22.7687,
21.7924

Harmonies

Analogous

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



61.7681, 52.4144, 91.5012



66.0241, 52.4144, 66.9587



65.6201, 52.4144, 45.0726

Triad

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



66.0241, 52.4144, 66.9587



45.4310, 52.4144, 25.0076



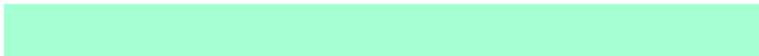
40.3094, 52.4144, 95.1451

Complementary

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



66.0241, 52.4144, 66.9587



62.7047, 84.0666, 73.8979

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.



36.7818, 52.4144, 71.0281



66.0241, 52.4144, 66.9587



39.5186, 52.4144, 32.5835

Square

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



66.0241, 52.4144, 66.9587



53.1609, 52.4144, 24.4573



36.5083, 52.4144, 48.2069



46.6188, 52.4144, 110.4168

Rectangle

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



66.0241, 52.4144, 66.9587



62.7621, 52.4144, 34.6377



36.5083, 52.4144, 48.2069



38.7890, 52.4144, 87.5538

Sweetspot

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



66.0253, 52.4167, 66.9597



84.5457, 82.5110, 94.5485



57.7637, 47.4020, 100.7128



17.8404, 17.2379, 19.8778



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.



66.0253, 52.4167, 66.9597



61.7941, 45.7680, 59.9575



61.2180, 50.4938, 41.6447



18.3839, 18.1369, 20.6386



23.5948, 11.9272, 11.7827



2.3524, 1.1833, 1.4372

Inverse Universe

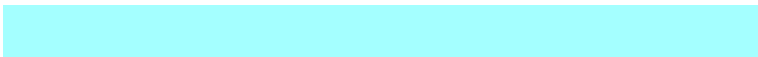
The Inverse Universe completely reimagines the original color for something new.



66.0253, 52.4167, 66.9597



61.7941, 45.7680, 59.9575



69.1212, 86.6332, 107.6866



18.3839, 18.1369, 20.6386



23.5948, 11.9272, 11.7827



2.3524, 1.1833, 1.4372

Previews

White Background



This preview shows how the XYZ color 66.0241, 52.4144, 66.9587 looks on a white background.

Color Contrast Check

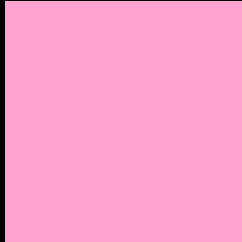
Large Text (above 18pt) WCAG AA × Fail

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 66.0241, 52.4144, 66.9587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

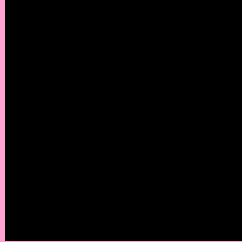
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0241, 52.4144, 66.9587

Background



This preview shows how black text looks on a background with the XYZ color 66.0241, 52.4144, 66.9587.



This preview shows how white text looks on a background with the XYZ color 66.0241, 52.4144,

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

66.0241, 52.4144, 66.9587

Protanopia

52.1485, 52.6322, 79.3620

Deuteranopia

53.7552, 52.5047, 65.0588



Tritanopia

62.7763, 52.4488, 51.0709

Trichromacy



Original Color

66.0241, 52.4144, 66.9587



Protanomaly

56.0205, 51.9167, 74.7785



Deuteranomaly

57.4924, 51.9850, 65.3964



Tritanomaly

63.8412, 52.3259, 56.6043

Monochromacy



Original Color

66.0241, 52.4144, 66.9587



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.2984, 53.2497, 62.5693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0241, 52.4144, 66.9587 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, 164, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 209)  
}
```

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, 164, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 209) }
```

Border

The CSS property to change the border of an element to XYZ 66.0241, 52.4144, 66.9587 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, 164, 209) }
```


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

```
.border{ border-color:rgb(255, 164, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0241, 52.4144, 66.9587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 209) }
```

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

```
.background{ background-color: rgb(255,  
164, 209) }
```

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