

Converting Colors

XYZ(66.0971, 52.5786, 62.1504)

Have a look what the booklet for
XYZ(66.0971, 52.5786, 62.1504)
contains.

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Color

**XYZ(65.0581, 52.0280,
61.8718)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4C9
RGB	255, 164, 201
RGB Percent	100%, 64%, 79%
CMY	0.0000, 0.3568, 0.2118
CMYK	0.00, 0.36, 0.21, 0.00
HSL	336°, 100%, 82%
HSV	336°, 36%, 100%
XYZ	65.0581, 52.0280, 61.8718
YIQ	195.4270, 42.3590, 30.7990

Conversions

Conversions Part 2

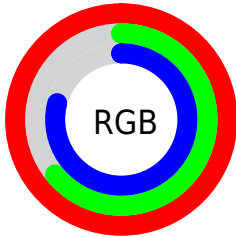
Format	Color
R_{YB}	255, 164, 201
Decimal	16753865
CIE _{Lab}	77.30, 38.50, -4.80
CIE _{LCh}	77, 38.800, 352.896
Yxy	52.0280, 0.3635, 0.2907
Android (android.graphics.Color)	4294943945 (0xFFFFA4C9)
YUV	195.4270, 2.7475, 52.2455
Hunter-Lab	72.1304, 34.7699, -0.3663

Details

The XYZ color **65.0581, 52.0280, 61.8718** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.7268, 84.4754, 79.2800**, and the grayscale version is **52.0941, 54.8070, 59.6849**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **33.9769, 25.3458, 30.7052** is the 20% darker color. If you saturate the color by 10%, you get **59.2503, 43.1222, 51.5816**, and if you desaturate by 10%, it is **71.9587, 62.8383, 73.3928**.

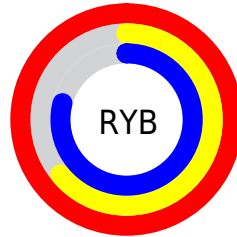
Distribution



Red (100%)

Green (64%)

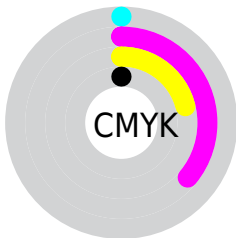
Blue (79%)



Red (100%)

Yellow (64%)

Blue (79%)

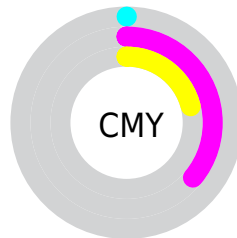


Cyan (0%)

Magenta (36%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0581, 52.0280, 61.8718 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 65.0581, 52.0280, 61.8718 by changing the saturation by 10% instead.

 65.0581, 52.0280,
61.8718


 65.0581, 52.0280,
61.8718

432.5426,
394.5447, 449.4580

 47.7731, 37.0274,
44.4940

 111.1986, 93.1725,
109.1100

 33.8577, 25.2287,
30.7190


 140.7848,
120.0852, 139.8075

 22.9467, 16.2475,
20.1283


175.2021,
151.7375, 175.7820

 14.6746, 9.6995,
12.3033

214.8159,
188.5136, 217.4520

 8.6762, 5.2002,
6.8256

259.9915,
230.7979, 265.2361

 4.5860, 2.3652,
3.2765


311.0942,

 2.0387, 0.8079,


278.9750, 319.5527


1.2375


368.4895,
333.4291, 380.8206

 0.6556, 0.0000,
0.0097


 0.0000, 0.0000,
0.0000


 65.0581, 52.0280,
61.8718

 65.0581, 52.0280,
61.8718


 59.2503, 43.1222,
51.5816


 71.9587, 62.8383,
73.3928

 54.4714, 36.0019,
42.4742

 80.0036, 75.6488,
86.1837

 50.6565, 30.5456,
34.5025

 89.2453, 90.5572,
100.2858

 47.7314, 26.6133,
27.6144

95.0500, 100.0000,
108.9000

■ 45.6096, 24.0419,
21.7520

■ 44.1854, 22.6298,
16.8496

■ 43.7221, 22.2529,
15.0007

Harmonies

Analogous

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



61.7678, 52.0280, 85.1521



65.0581, 52.0280, 61.8718



63.8436, 52.0280, 42.1506

Triad

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



65.0581, 52.0280, 61.8718



44.0886, 52.0280, 26.6560



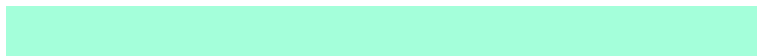
41.3091, 52.0280, 96.0363

Complementary

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



65.0581, 52.0280, 61.8718



63.7268, 84.4754, 79.2800

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.



37.4025, 52.0280, 74.1422



65.0581, 52.0280, 61.8718



38.8912, 52.0280, 35.3440

Square

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



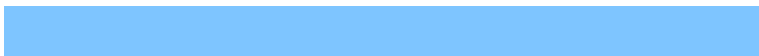
65.0581, 52.0280, 61.8718



51.2424, 52.0280, 24.9310



36.5638, 52.0280, 51.7299



47.7020, 52.0280, 107.8416

Rectangle

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



65.0581, 52.0280, 61.8718



60.6957, 52.0280, 33.0772



36.5638, 52.0280, 51.7299



39.6888, 52.0280, 89.3845

Sweetspot

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



65.0594, 52.0303, 61.8728



84.1801, 82.3647, 92.6231



59.9675, 48.5381, 100.8159



17.7534, 17.2031, 19.4198



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.



65.0594, 52.0303, 61.8728



60.7055, 45.3326, 54.2254



62.6159, 53.2895, 42.1107



18.3155, 18.1095, 20.2784



22.9152, 11.6554, 8.2037



2.2837, 1.1558, 1.0752

Inverse Universe

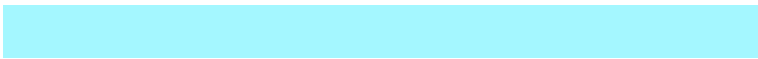
The Inverse Universe completely reimagines the original color for something new.



65.0594, 52.0303, 61.8728



60.7055, 45.3326, 54.2254



66.7497, 81.8902, 106.8960



18.3155, 18.1095, 20.2784



22.9152, 11.6554, 8.2037



2.2837, 1.1558, 1.0752

Previews

White Background



This preview shows how the XYZ color 65.0581, 52.0280, 61.8718 looks on a white background.

Color Contrast Check

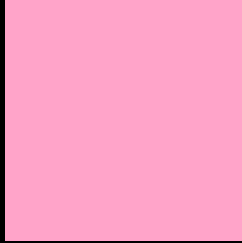
Large Text (above 18pt) WCAG AA × Fail

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 65.0581, 52.0280, 61.8718 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 65.0581, 52.0280, 61.8718

Background



This preview shows how black text looks on a background with the XYZ color 65.0581, 52.0280, 61.8718.



This preview shows how white text looks on a background with the XYZ color 65.0581, 52.0280,

61.8718.

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

65.0581, 52.0280, 61.8718

Protanopia

51.4314, 52.4015, 73.0494

Deuteranopia

53.1591, 51.9945, 60.0575



Tritanopia

62.7489, 52.1832, 49.9452

Trichromacy



Original Color

65.0581, 52.0280, 61.8718



Protanomaly

55.4331, 51.7479, 68.6947



Deuteranomaly

56.6557, 51.3688, 60.3552



Tritanomaly

63.7689, 52.3391, 54.3184

Monochromacy



Original Color

65.0581, 52.0280, 61.8718



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.8338, 53.0639, 60.1229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0581, 52.0280, 61.8718 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 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, 164, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 201) }
```

Border

The CSS property to change the border of an element to XYZ 65.0581, 52.0280, 61.8718 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, 201) }
```


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

```
.border{ border-color:rgb(255, 164, 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, 164, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0581, 52.0280, 61.8718 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, 201) }
```

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

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