

Converting Colors

XYZ(65.1756, 52.3703, 61.5802)

Have a look what the booklet for
XYZ(65.1756, 52.3703, 61.5802)
contains.

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Color

**XYZ(65.1205, 52.3404,
61.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5C8
RGB	255, 165, 200
RGB Percent	100%, 65%, 78%
CMY	0.0000, 0.3529, 0.2157
CMYK	0.00, 0.35, 0.22, 0.00
HSL	337°, 100%, 82%
HSV	337°, 35%, 100%
XYZ	65.1205, 52.3404, 61.3141
YIQ	195.9000, 42.4050, 29.9650

Conversions

Conversions Part 2

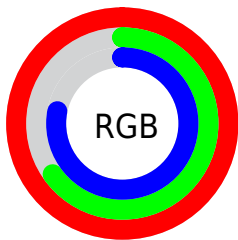
Format	Color
R _Y B	255, 165, 200
Decimal	16754120
CIE Lab	77.48, 37.84, -3.98
CIE LCh	77, 38.048, 353.999
Yxy	52.3404, 0.3643, 0.2928
Android (android.graphics.Color)	4294944200 (0xFFFFA5C8)
YUV	195.9000, 2.0213, 51.8307
Hunter-Lab	72.3467, 34.0643, 0.3941

Details

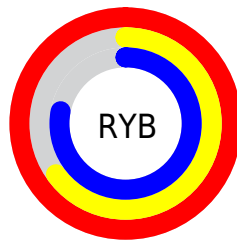
The XYZ color **65.1205, 52.3404, 61.3141** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.1973, 84.6876, 80.6765**, and the grayscale version is **52.3811, 55.1090, 60.0137**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **34.0084, 25.5340, 30.3302** is the 20% darker color. If you saturate the color by 10%, you get **59.2416, 43.3504, 50.8220**, and if you desaturate by 10%, it is **72.1044, 63.2431, 73.0918**.

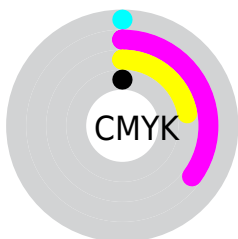
Distribution



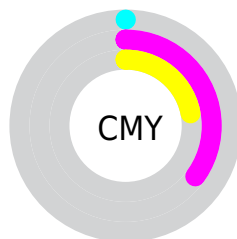
- Red (100%)
- Green (65%)
- Blue (78%)



- Red (100%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1205, 52.3404, 61.3141 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 65.1205, 52.3404, 61.3141 by changing the saturation by 10% instead.


 65.1205, 52.3404,
61.3141


 65.1205, 52.3404,
61.3141

432.7632,
395.7493, 447.3631

 47.8239, 37.2765,
44.0465

 111.2878, 93.6331,
108.2956

 33.8981, 25.4216,
30.3696


 140.8892,
120.6306, 138.8465

 22.9778, 16.3915,
19.8649


175.3229,
152.3748, 174.6623

 14.6977, 9.8016,
12.1138

214.9543,
189.2500, 216.1615

 8.6925, 5.2676,
6.6977

260.1486,
231.6407, 263.7626

 4.5966, 2.4051,
3.1982

311.2713,

 2.0449, 0.8285,

279.9312, 317.8843

1.1967

368.6877,
334.5060, 378.9449

■ 0.6590, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1205, 52.3404,
61.3141

■ 65.1205, 52.3404,
61.3141

■ 59.2416, 43.3504,
50.8220

■ 72.1044, 63.2431,
73.0918

■ 54.4038, 36.1544,
41.5650

■ 80.2452, 76.1541,
86.1966

■ 50.5418, 30.6310,
33.4934

■ 89.5959, 91.1710,
100.6719

■ 47.5811, 26.6410,
26.5521

95.0500, 100.0000,
108.9000

■ 45.4353, 24.0220,
20.6805

■ 43.9990, 22.5741,
15.8097

■ 43.4997, 22.1639,
13.8296

Harmonies

Analogous

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



62.0420, 52.3404, 84.1571



65.1205, 52.3404, 61.3141



63.7646, 52.3404, 42.1002

Triad

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



65.1205, 52.3404, 61.3141



44.2336, 52.3404, 27.4990



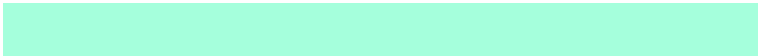
41.9158, 52.3404, 96.2736

Complementary

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



65.1205, 52.3404, 61.3141



64.1973, 84.6876, 80.6765

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.



37.9525, 52.3404, 75.0315



65.1205, 52.3404, 61.3141



39.1959, 52.3404, 36.4061

Square

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



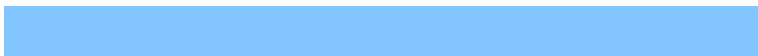
65.1205, 52.3404, 61.3141



51.2358, 52.3404, 25.5372



37.0077, 52.3404, 52.8738



48.2892, 52.3404, 107.2890

Rectangle

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



65.1205, 52.3404, 61.3141



60.5895, 52.3404, 33.3001



37.0077, 52.3404, 52.8738



40.2836, 52.3404, 89.8741

Sweetspot

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



65.1217, 52.3427, 61.3151



84.1071, 82.3355, 92.2386



60.7205, 49.1930, 100.9026



17.7360, 17.1961, 19.3284



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.



65.1217, 52.3427, 61.3151



61.0590, 46.1064, 54.1371



63.1693, 54.2511, 42.7425



18.3018, 18.1040, 20.2063



22.7973, 11.6082, 7.5830



2.2713, 1.1509, 1.0103

Inverse Universe

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



65.1217, 52.3427, 61.3151



61.0590, 46.1064, 54.1371



66.5243, 81.1319, 106.7616



18.3018, 18.1040, 20.2063



22.7973, 11.6082, 7.5830



2.2713, 1.1509, 1.0103

Previews

White Background



This preview shows how the XYZ color 65.1205, 52.3404, 61.3141 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 65.1205, 52.3404, 61.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

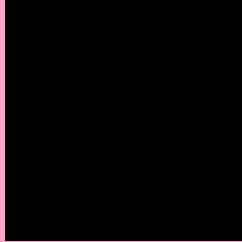
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1205, 52.3404, 61.3141

Background



This preview shows how black text looks on a background with the XYZ color 65.1205, 52.3404, 61.3141.



This preview shows how white text looks on a background with the XYZ color 65.1205, 52.3404,

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

65.1205, 52.3404, 61.3141

Protanopia

51.5472, 52.4761, 72.3778

Deuteranopia

53.5351, 52.5132, 59.5390



Tritanopia

62.8511, 52.2241, 50.4837

Trichromacy



Original Color

65.1205, 52.3404, 61.3141



Protanomaly

55.3081, 51.6979, 68.0364



Deuteranomaly

57.0498, 51.8796, 59.8302



Tritanomaly

63.7689, 52.3391, 54.3184

Monochromacy



Original Color

65.1205, 52.3404, 61.3141



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.0423, 53.4809, 60.1924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1205, 52.3404, 61.3141 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, 165, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 200)  
}
```

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, 165, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.1205, 52.3404, 61.3141 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, 165, 200) }
```


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

```
.border{ border-color:rgb(255, 165, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1205, 52.3404, 61.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 200) }
```

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

```
.background{ background-color: rgb(255,  
165, 200) }
```

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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