

Converting Colors

XYZ(65.8582, 51.2074, 69.6015)

Have a look what the booklet for
XYZ(65.8582, 51.2074, 69.6015)
contains.

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Color

**XYZ(65.8210, 51.2057,
69.3653)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA0D5 |
| RGB | 255, 160, 213 |
| RGB Percent | 100%, 63%, 84% |
| CMY | 0.0000, 0.3725, 0.1647 |
| CMYK | 0.00, 0.37, 0.16, 0.00 |
| HSL | 327°, 100%, 81% |
| HSV | 327°, 37%, 100% |
| XYZ | 65.8210, 51.2057, 69.3653 |
| YIQ | 194.4470, 39.6070, 36.6230 |

Conversions

Conversions Part 2

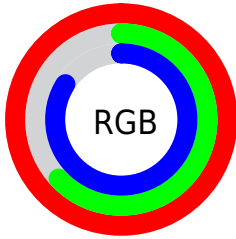
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 160, 213 |
| Decimal | 16752853 |
| CIE Lab | 76.80, 42.35, -12.08 |
| CIE LCh | 77, 44.039, 344.073 |
| Yxy | 51.2057, 0.3531, 0.2747 |
| Android (android.graphics.Color) | 4294942933 (0xFFFFA0D5) |
| YUV | 194.4470, 9.1466, 53.1050 |
| Hunter-Lab | 71.5582, 38.9620, -7.3824 |

Details

The XYZ color **65.8210, 51.2057, 69.3653** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9198, 83.2588, 68.7402**, and the grayscale version is **51.4753, 54.1560, 58.9759**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **34.4552, 24.8543, 35.3291** is the 20% darker color. If you saturate the color by 10%, you get **60.4636, 42.7018, 60.7631**, and if you desaturate by 10%, it is **72.1870, 61.5669, 78.7957**.

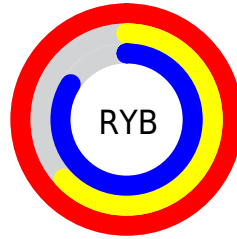
Distribution



Red (100%)

Green (63%)

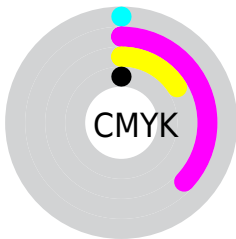
Blue (84%)



Red (100%)

Yellow (63%)

Blue (84%)

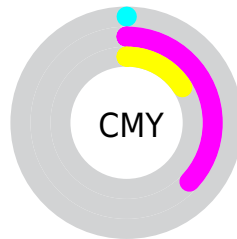


Cyan (0%)

Magenta (37%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8210, 51.2057, 69.3653 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 65.8210, 51.2057, 69.3653 by changing the saturation by 10% instead.


 65.8210, 51.2057,
69.3653


 65.8210, 51.2057,
69.3653


435.2352,
391.3624, 477.0471

 48.3943, 36.3723,
50.5357

 112.2885, 91.9588,
119.9758

 34.3518, 24.7219,
35.4650


 142.0601,
118.6472, 152.5937

 23.3281, 15.8700,
23.7349


176.6772,
150.0562, 190.6449

 14.9580, 9.4322,
14.9267

216.5054,
186.5701, 234.5477

 8.8761, 5.0241,
8.6219

261.9099,
228.5733, 284.7208

 4.7169, 2.2614,
4.4020

313.2562,

 2.1152, 0.7532,

276.4501, 341.5827

1.8484

370.9095,
330.5851, 405.5520

■ 0.6974, 0.0000,
0.4596

■ 0.0000, 0.0000,
0.0000

■ 65.8210, 51.2057,
69.3653

■ 65.8210, 51.2057,
69.3653

■ 60.4636, 42.7018,
60.7631

■ 72.1870, 61.5669,
78.7957

■ 56.0531, 35.9362,
52.9570

■ 79.6108, 73.8817,
89.0786

■ 52.5269, 30.7862,
45.9163

■ 88.1427, 88.2474,
100.2408

■ 49.8123, 27.1103,
39.6064

95.0500, 100.0000,
108.9000

■ 47.8245, 24.7422,
33.9880

■ 46.4544, 23.4674,
29.0134

■ 46.1419, 23.2208,
27.7430

Harmonies

Analogous

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



60.7285, 51.2057, 95.8004



65.8210, 51.2057, 69.3653



65.9858, 51.2057, 45.2928

Triad

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



65.8210, 51.2057, 69.3653



44.8646, 51.2057, 21.9605



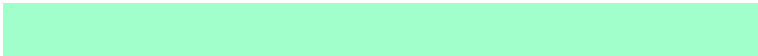
38.0101, 51.2057, 94.2972

Complementary

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



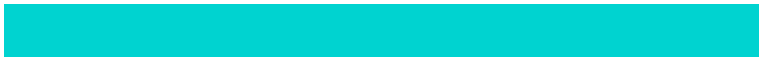
65.8210, 51.2057, 69.3653



60.9198, 83.2588, 68.7402

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.



34.6833, 51.2057, 67.7142



65.8210, 51.2057, 69.3653



38.3229, 51.2057, 28.7887

Square

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



65.8210, 51.2057, 69.3653



53.2151, 51.2057, 22.1683



34.7908, 51.2057, 44.0515



44.3904, 51.2057, 112.7731

Rectangle

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



65.8210, 51.2057, 69.3653



63.2354, 51.2057, 33.7353



34.7908, 51.2057, 44.0515



36.5319, 51.2057, 85.7273

Sweetspot

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



65.8223, 51.2080, 69.3663



84.8125, 82.6176, 95.9531



54.7551, 44.8049, 100.3701



17.9039, 17.2633, 20.2125



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.



65.8223, 51.2080, 69.3663



61.5857, 44.4617, 62.6303



60.7260, 49.1695, 42.5298



18.4337, 18.1568, 20.9009



24.1865, 12.1639, 14.8986



2.4100, 1.2064, 1.7402

Inverse Universe

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



65.8223, 51.2080, 69.3663



61.5857, 44.4617, 62.6303



67.3055, 85.8130, 102.3667



18.4337, 18.1568, 20.9009



24.1865, 12.1639, 14.8986



2.4100, 1.2064, 1.7402

Previews

White Background



This preview shows how the XYZ color 65.8210, 51.2057, 69.3653 looks on a white background.

Color Contrast Check

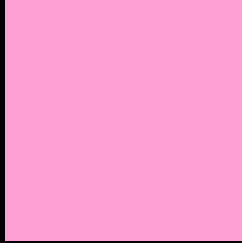
Large Text (above 18pt) WCAG AA × Fail

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 65.8210, 51.2057, 69.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

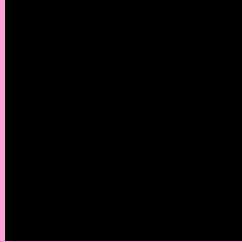
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8210, 51.2057, 69.3653

Background



This preview shows how black text looks on a background with the XYZ color 65.8210, 51.2057, 69.3653.



This preview shows how white text looks on a background with the XYZ color 65.8210, 51.2057,

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

65.8210, 51.2057, 69.3653

Protanopia

51.3711, 51.4959, 83.5761

Deuteranopia

52.6770, 51.5807, 67.5013



Tritanopia

61.5566, 51.0363, 49.2544

Trichromacy



Original Color

65.8210, 51.2057, 69.3653



Protanomaly

55.2431, 50.5424, 78.0782



Deuteranomaly

56.6734, 50.9195, 67.8142



Tritanomaly

62.8243, 51.0080, 55.8245

Monochromacy



Original Color

65.8210, 51.2057, 69.3653



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.5895, 52.2719, 62.4179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8210, 51.2057, 69.3653 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, 160, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 213)  
}
```

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, 160, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 213) }
```

Border

The CSS property to change the border of an element to XYZ 65.8210, 51.2057, 69.3653 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, 160, 213) }
```


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

```
.border{ border-color:rgb(255, 160, 213) }
```

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

Here you see how a box with a 4 pixel rgb(255, 160, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8210, 51.2057, 69.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 213) }
```

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

```
.background{ background-color: rgb(255,  
160, 213) }
```

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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