

Converting Colors

XYZ(65.0314, 51.0250, 69.0499)

Have a look what the booklet for
XYZ(65.0314, 51.0250, 69.0499)
contains.

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Color

**XYZ(65.2631, 51.1765,
69.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	FDA1D5
RGB	253, 161, 213
RGB Percent	99%, 63%, 84%
CMY	0.0078, 0.3686, 0.1647
CMYK	0.00, 0.36, 0.16, 0.01
HSL	326°, 96%, 81%
HSV	326°, 36%, 99%
XYZ	65.2631, 51.1765, 69.3891
YIQ	194.4360, 38.1400, 35.6760

Conversions

Conversions Part 2

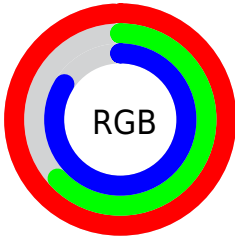
Format	Color
RYB	253, 161, 213
Decimal	16622037
CIELab	76.79, 41.17, -12.13
CIElCh	77, 42.922, 343.577
Yxy	51.1765, 0.3512, 0.2754
Android (android.graphics.Color)	4294812117 (0xFFFDA1D5)
YUV	194.4360, 9.1521, 51.3606
Hunter-Lab	71.5378, 37.6525, -7.4328

Details

The XYZ color **65.2631, 51.1765, 69.3891** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.3680, 82.0461, 67.9168**, and the grayscale version is **51.4694, 54.1499, 58.9692**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **34.0398, 24.7958, 35.3397** is the 20% darker color. If you saturate the color by 10%, you get **59.9318, 42.6728, 60.9553**, and if you desaturate by 10%, it is **71.5866, 61.5117, 78.6221**.

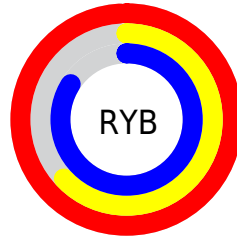
Distribution



Red (99%)

Green (63%)

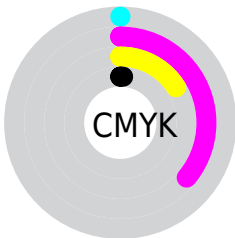
Blue (84%)



Red (99%)

Yellow (63%)

Blue (84%)

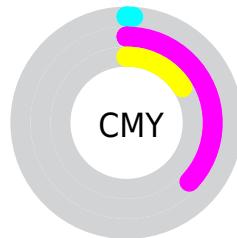


Cyan (0%)

Magenta (36%)

Yellow (16%)

Black (1%)



Cyan (1%)


Magenta (37%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2631, 51.1765, 69.3891 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 65.2631, 51.1765, 69.3891 by changing the saturation by 10% instead.


 65.2631, 51.1765,
69.3891


 65.2631, 51.1765,
69.3891

433.2671,
391.2491, 477.1332

 47.9399, 36.3491,
50.5549

 111.4916, 91.9156,
120.0101

 33.9904, 24.7039,
35.4803


 141.1277,
118.5961, 152.6340

 23.0491, 15.8566,
23.7466


175.5988,
149.9964, 190.6915

 14.7506, 9.4227,
14.9353

215.2703,
186.5010, 234.6013

 8.7297, 5.0179,
8.6278

260.5075,
228.4941, 284.7818

 4.6210, 2.2578,
4.4058

311.6758,

 2.0591, 0.7512,

276.3603, 341.6516

1.8505

369.1406,
330.4838, 405.6292

■ 0.6668, 0.0000,
0.4609

■ 0.0000, 0.0000,
0.0000

■ 65.2631, 51.1765,
69.3891

■ 65.2631, 51.1765,
69.3891

■ 59.9318, 42.6728,
60.9553

■ 71.5866, 61.5117,
78.6221

■ 55.5321, 35.8841,
53.2895

■ 78.9492, 73.7715,
88.6772

■ 52.0033, 30.6918,
46.3628

■ 87.4004, 88.0510,
99.5801

■ 49.2753, 26.9587,
40.1418

94.3183, 99.6228,
108.8658

■ 47.2662, 24.5245,
34.5893

■ 45.8744, 23.1891,
29.6607

■ 45.4658, 22.8658,
28.0016

Harmonies

Analogous

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



60.2556, 51.1765, 94.9396



65.2631, 51.1765, 69.3891



65.5082, 51.1765, 45.8425

Triad

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



65.2631, 51.1765, 69.3891



45.0571, 51.1765, 22.5065



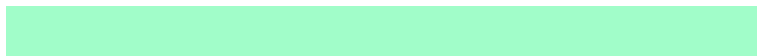
38.1556, 51.1765, 92.7109

Complementary

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



65.2631, 51.1765, 69.3891



60.3680, 82.0461, 67.9168

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.



34.9514, 51.1765, 66.9289



65.2631, 51.1765, 69.3891



38.6251, 51.1765, 29.1365

Square

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



65.2631, 51.1765, 69.3891



53.2051, 51.1765, 22.8230



35.1131, 51.1765, 43.9796



44.3471, 51.1765, 110.7659

Rectangle

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



65.2631, 51.1765, 69.3891



62.8908, 51.1765, 34.4156



35.1131, 51.1765, 43.9796



36.7259, 51.1765, 84.3911

Sweetspot

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



65.2646, 51.1789, 69.3901



84.8434, 82.6300, 96.1161



54.5283, 44.9834, 98.7378



17.9113, 17.2662, 20.2514



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.



65.2646, 51.1789, 69.3901



62.1992, 45.3116, 63.9972



60.2422, 49.1699, 42.9424



18.4395, 18.1591, 20.9313



24.2605, 12.1935, 15.2883



2.4170, 1.2092, 1.7776

Inverse Universe

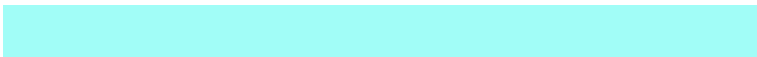
The Inverse Universe completely reimagines the original color for something new.



65.2646, 51.1789, 69.3901



62.1992, 45.3116, 63.9972



66.5928, 84.5360, 100.6960



18.4395, 18.1591, 20.9313



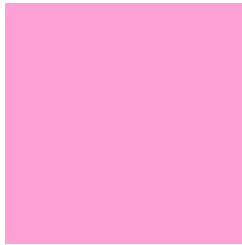
24.2605, 12.1935, 15.2883



2.4170, 1.2092, 1.7776

Previews

White Background



This preview shows how the XYZ color 65.2631, 51.1765, 69.3891 looks on a white background.

Color Contrast Check

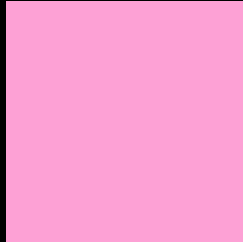
Large Text (above 18pt) WCAG AA × Fail

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 65.2631, 51.1765, 69.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

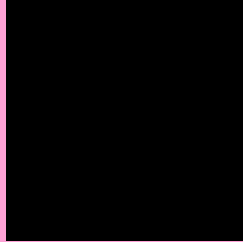
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2631, 51.1765, 69.3891

Background



This preview shows how black text looks on a background with the XYZ color 65.2631, 51.1765, 69.3891.



This preview shows how white text looks on a background with the XYZ color 65.2631, 51.1765,

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

65.2631, 51.1765, 69.3891

Protanopia

51.2294, 51.4393, 82.8300

Deuteranopia

52.6770, 51.5807, 67.5013



Tritanopia

61.1239, 51.0725, 49.8164

Trichromacy



Original Color

65.2631, 51.1765, 69.3891



Protanomaly

55.1071, 50.4880, 77.3617



Deuteranomaly

56.3716, 50.7639, 67.8001



Tritanomaly

62.3939, 51.0400, 56.4324

Monochromacy



Original Color

65.2631, 51.1765, 69.3891



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.2949, 52.1200, 62.4042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2631, 51.1765, 69.3891 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(253, 161, 213)` looks like.

```
.text, #text, p{  
    color:rgb(253, 161, 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(253, 161, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 161, 213) }
```

Border

The CSS property to change the border of an element to XYZ 65.2631, 51.1765, 69.3891 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(253, 161, 213) }
```


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

```
.border{ border-color:rgb(253, 161, 213) }
```

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

Here you see how a box with a 4 pixel rgb(253, 161, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 161, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 161, 213);  
box-shadow:4px 4px 4px 4px rgb(253, 161,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2631, 51.1765, 69.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 161, 213) }
```

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

```
.background{ background-color: rgb(253,  
161, 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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