

Converting Colors

XYZ(66.6400, 50.0147, 81.3264)

Have a look what the booklet for
XYZ(66.6400, 50.0147, 81.3264)
contains.

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Color

**XYZ(66.5123, 50.0385,
81.0157)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9BE6
RGB	253, 155, 230
RGB Percent	99%, 61%, 90%
CMY	0.0078, 0.3921, 0.0980
CMYK	0.00, 0.39, 0.09, 0.01
HSL	314°, 96%, 80%
HSV	314°, 39%, 99%
XYZ	66.5123, 50.0385, 81.0157
YIQ	192.8520, 34.3330, 44.1010

Conversions

Conversions Part 2

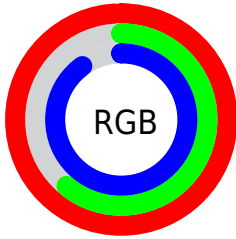
Format	Color
RYB	253, 155, 230
Decimal	16620518
CIELab	76.09, 46.95, -22.45
CIELCh	76, 52.045, 334.446
Yxy	50.0385, 0.3367, 0.2533
Android (android.graphics.Color)	4294810598 (0xFFFD9BE6)
YUV	192.8520, 18.3140, 52.7498
Hunter-Lab	70.7379, 44.0458, -18.3880

Details

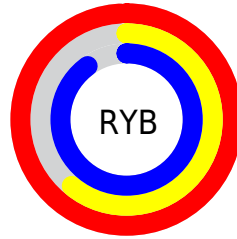
The XYZ color **66.5123, 50.0385, 81.0157** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.6809, 80.4351, 54.6610**, and the grayscale version is **50.4849, 53.1140, 57.8411**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **34.7993, 23.9655, 42.8361** is the 20% darker color. If you saturate the color by 10%, you get **61.9151, 42.1552, 75.4391**, and if you desaturate by 10%, it is **72.0231, 59.7017, 87.0380**.

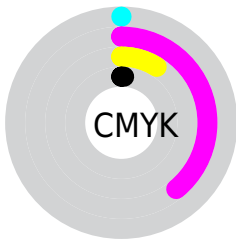
Distribution



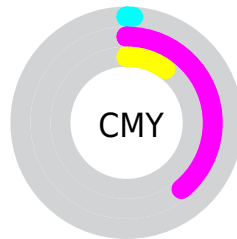
- Red (99%)
- Green (61%)
- Blue (90%)



- Red (99%)
- Yellow (61%)
- Blue (90%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (39%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5123, 50.0385, 81.0157 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 66.5123, 50.0385, 81.0157 by changing the saturation by 10% instead.


 66.5123, 50.0385,
81.0157


 66.5123, 50.0385,
81.0157


437.6666,
386.8165, 518.1460

 48.9576, 35.4440,
60.0235


 113.2750, 90.2319,
136.6171

 34.8003, 24.0051,
43.0121

 143.2137,
116.5996, 172.0633

 23.6749, 15.3374,
29.5632


178.0111,
147.6605, 213.1646

 15.2160, 9.0565,
19.2580

218.0326,
183.7990, 260.3395

 9.0584, 4.7781,
11.6782

263.6436,
225.3994, 314.0065

 4.8367, 2.1176,
6.4051

315.2093,

 2.1856, 0.6745,

272.8462, 374.5843

3.0202

373.0952,
326.5238, 442.4913

■ 0.7351, 0.0000,
1.1049

■ 0.0000, 0.0000,
0.0000

■ 66.5123, 50.0385,
81.0157

■ 66.5123, 50.0385,
81.0157

■ 61.9151, 42.1552,
75.4391

■ 72.0231, 59.7017,
87.0380

■ 58.1709, 35.9339,
70.2851

■ 78.4937, 71.2396,
93.5213

■ 55.2193, 31.2530,
65.5327

■ 85.9728, 84.7482,
100.4836

■ 52.9894, 27.9715,
61.1569

■ 94.1184, 99.5429,
107.8123

■ 51.3974, 25.9222,
57.1283

94.3185, 99.6229,
108.8658

■ 50.3227, 24.8642,
53.4052

■ 50.2034, 24.7608,
52.9485

Harmonies

Analogous

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



58.9455, 50.0385, 111.6840



66.5123, 50.0385, 81.0157



68.7551, 50.0385, 50.4350

Triad

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



66.5123, 50.0385, 81.0157



46.1246, 50.0385, 16.6230



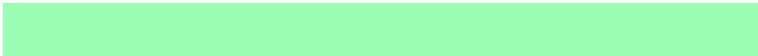
33.7410, 50.0385, 90.7530

Complementary

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



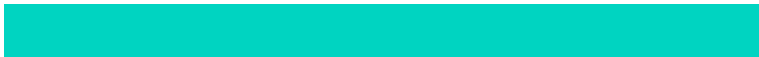
66.5123, 50.0385, 81.0157



56.6809, 80.4351, 54.6610

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.



31.2410, 50.0385, 58.7429



66.5123, 50.0385, 81.0157



37.7441, 50.0385, 21.1682

Square

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



66.5123, 50.0385, 81.0157



56.0946, 50.0385, 19.0330



32.6006, 50.0385, 34.4865



39.9383, 50.0385, 118.5207

Rectangle

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



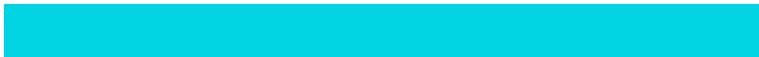
66.5123, 50.0385, 81.0157



66.7037, 50.0385, 35.1834



32.6006, 50.0385, 34.4865



32.4818, 50.0385, 79.7984

Sweetspot

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



66.5139, 50.0408, 81.0167



84.9183, 81.5526, 99.9244



47.7828, 39.9864, 98.1293



17.9599, 17.0648, 21.1882



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.



66.5139, 50.0408, 81.0167



64.2154, 44.9230, 78.2991



60.5855, 47.6694, 49.7983



18.5996, 18.2232, 21.7746



26.7653, 13.1954, 28.4782



2.6480, 1.3016, 2.9939

Inverse Universe

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



66.5139, 50.0408, 81.0167



64.2154, 44.9230, 78.2991



62.4915, 82.7593, 85.2589



18.5996, 18.2232, 21.7746



26.7653, 13.1954, 28.4782



2.6480, 1.3016, 2.9939

Previews

White Background



This preview shows how the XYZ color 66.5123, 50.0385, 81.0157 looks on a white background.

Color Contrast Check

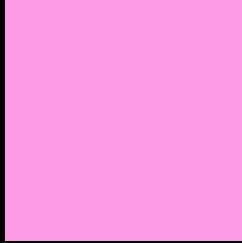
Large Text (above 18pt) WCAG AA × Fail

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 66.5123, 50.0385, 81.0157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

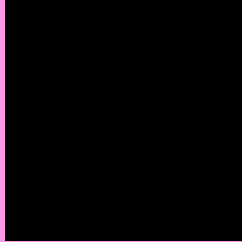
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5123, 50.0385, 81.0157

Background



This preview shows how black text looks on a background with the XYZ color 66.5123, 50.0385, 81.0157.



This preview shows how white text looks on a background with the XYZ color 66.5123, 50.0385,

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

66.5123, 50.0385, 81.0157

Protanopia

51.4918, 50.5811, 99.1447

Deuteranopia

51.4701, 50.4086, 78.2512



Tritanopia

59.8488, 49.8988, 48.5965

Trichromacy



Original Color

66.5123, 50.0385, 81.0157



Protanomaly

55.4785, 49.4710, 92.2128



Deuteranomaly

55.9601, 49.4302, 79.2646



Tritanomaly

61.8898, 49.6607, 59.1468

Monochromacy



Original Color

66.5123, 50.0385, 81.0157



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

55.2850, 51.1435, 65.3504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5123, 50.0385, 81.0157 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, 155, 230)` looks like.

```
.text, #text, p{  
    color:rgb(253, 155, 230)  
}
```

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, 155, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 155, 230) }
```

Border

The CSS property to change the border of an element to XYZ 66.5123, 50.0385, 81.0157 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, 155, 230) }
```


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

```
.border{ border-color:rgb(253, 155, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 155, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 155, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 155, 230);  
box-shadow:4px 4px 4px 4px rgb(253, 155,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5123, 50.0385, 81.0157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 155, 230) }
```

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

```
.background{ background-color: rgb(253,  
155, 230) }
```

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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