

Converting Colors

XYZ(66.2628, 50.0350, 75.8457)

Have a look what the booklet for
XYZ(66.2628, 50.0350, 75.8457)
contains.

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Color

**XYZ(66.2806, 50.0304,
75.9755)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9BDF
RGB	255, 155, 223
RGB Percent	100%, 61%, 87%
CMY	0.0000, 0.3921, 0.1255
CMYK	0.00, 0.39, 0.13, 0.00
HSL	319°, 100%, 80%
HSV	319°, 39%, 100%
XYZ	66.2806, 50.0304, 75.9755
YIQ	192.6520, 37.7720, 42.3480

Conversions

Conversions Part 2

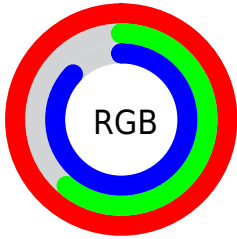
Format	Color
RYB	255, 155, 223
Decimal	16751583
CIELab	76.09, 46.46, -18.62
CIELCh	76, 50.052, 338.160
Yxy	50.0304, 0.3447, 0.2602
Android (android.graphics.Color)	4294941663 (0xFFFF9BDF)
YUV	192.6520, 14.9616, 54.6792
Hunter-Lab	70.7322, 43.4847, -14.1726

Details

The XYZ color **66.2806, 50.0304, 75.9755** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.2490, 82.0773, 59.7892**, and the grayscale version is **50.3851, 53.0091, 57.7269**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **34.7475, 24.0048, 39.8478** is the 20% darker color. If you saturate the color by 10%, you get **61.4024, 41.9923, 69.0517**, and if you desaturate by 10%, it is **72.1102, 59.8859, 83.4793**.

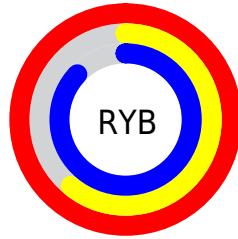
Distribution



Red (100%)

Green (61%)

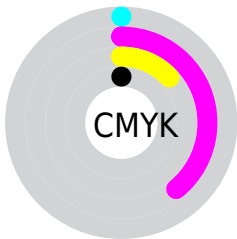
Blue (87%)



Red (100%)

Yellow (61%)

Blue (87%)

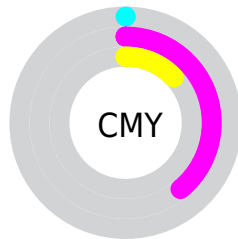


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2806, 50.0304, 75.9755 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 66.2806, 50.0304, 75.9755 by changing the saturation by 10% instead.


 66.2806, 50.0304,
75.9755


 66.2806, 50.0304,
75.9755


436.8526,
386.7848, 500.6084

 48.7688, 35.4376,
55.9059

 112.9445, 90.2199,
129.4520

 34.6499, 24.0001,
39.7240


 142.8272,
116.5854, 163.6961

 23.5585, 15.3337,
27.0113


177.5643,
147.6438, 203.5019

 15.1294, 9.0539,
17.3492

217.5211,
183.7797, 249.2882

 8.9972, 4.7764,
10.3192

263.0630,
225.3773, 301.4735

 4.7964, 2.1167,
5.5027

314.5553,

 2.1618, 0.6740,

272.8211, 360.4763

2.4813

372.3634,
326.4955, 426.7151

■ 0.7225, 0.0000,
0.8302

■ 0.0000, 0.0000,
0.0000

■ 66.2806, 50.0304,
75.9755

■ 66.2806, 50.0304,
75.9755

■ 61.4024, 41.9923,
69.0517

■ 72.1102, 59.8859,
83.4793

■ 57.4144, 35.6513,
62.6821

■ 78.9404, 71.6567,
91.5811

■ 54.2537, 30.8823,
56.8425

■ 86.8208, 85.4408,
100.3018

■ 51.8470, 27.5402,
51.5048

95.0500, 100.0000,
108.9000

■ 50.1078, 25.4529,
46.6361

■ 48.9056, 24.3611,
42.1890

■ 48.8213, 24.2925,
41.8527

Harmonies

Analogous

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



59.5553, 50.0304, 105.8530



66.2806, 50.0304, 75.9755



67.6740, 50.0304, 47.4844

Triad

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



66.2806, 50.0304, 75.9755



45.0445, 50.0304, 17.7363



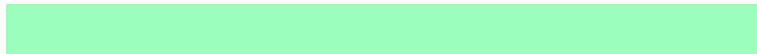
34.7642, 50.0304, 92.9082

Complementary

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



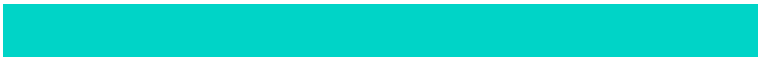
66.2806, 50.0304, 75.9755



58.2490, 82.0773, 59.7892

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.



31.8760, 50.0304, 62.1192



66.2806, 50.0304, 75.9755



37.2813, 50.0304, 23.1777

Square

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



66.2806, 50.0304, 75.9755



54.5632, 50.0304, 19.2823



32.7330, 50.0304, 37.4689



41.1694, 50.0304, 117.6531

Rectangle

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



66.2806, 50.0304, 75.9755



65.2402, 50.0304, 33.5991



32.7330, 50.0304, 37.4689



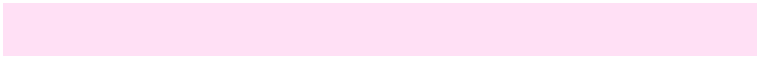
33.3908, 50.0304, 82.5846

Sweetspot

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



66.2818, 50.0325, 75.9765



84.5164, 81.3918, 97.8082



50.1855, 41.1881, 99.9128



17.8650, 17.0269, 20.6884



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.



66.2818, 50.0325, 75.9765



62.4034, 43.6212, 70.5357



60.5380, 47.7350, 45.7302



18.5308, 18.1956, 21.4124



25.5813, 12.7218, 22.2432



2.5406, 1.2586, 2.4283

Inverse Universe

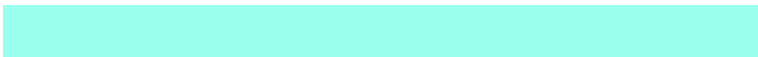
The Inverse Universe completely reimagines the original color for something new.



66.2818, 50.0325, 75.9765



62.4034, 43.6212, 70.5357



64.5163, 84.5842, 92.7926



18.5308, 18.1956, 21.4124



25.5813, 12.7218, 22.2432



2.5406, 1.2586, 2.4283

Previews

White Background



This preview shows how the XYZ color 66.2806, 50.0304, 75.9755 looks on a white background.

Color Contrast Check

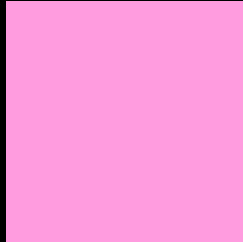
Large Text (above 18pt) WCAG AA × Fail

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 66.2806, 50.0304, 75.9755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

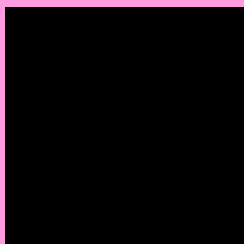
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2806, 50.0304, 75.9755

Background



This preview shows how black text looks on a background with the XYZ color 66.2806, 50.0304, 75.9755.



This preview shows how white text looks on a background with the XYZ color 66.2806, 50.0304,

75.9755.

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

66.2806, 50.0304, 75.9755

Protanopia

51.0536, 50.4810, 93.4392

Deuteranopia

51.3266, 50.1354, 73.3016



Tritanopia

60.5363, 50.0095, 47.5365

Trichromacy



Original Color

66.2806, 50.0304, 75.9755



Protanomaly

54.9732, 49.3309, 86.7452



Deuteranomaly

55.8862, 49.5015, 74.3194



Tritanomaly

62.5154, 50.0354, 56.8150

Monochromacy



Original Color

66.2806, 50.0304, 75.9755



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

55.3381, 51.1988, 64.0925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2806, 50.0304, 75.9755 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, 155, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 223)  
}
```

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, 155, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.2806, 50.0304, 75.9755 is called "border". The border property can be set on classes, ids or directly on the HTML element.

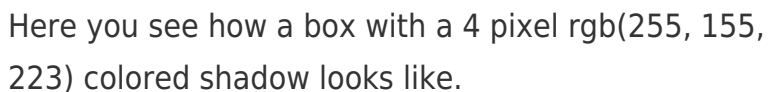
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 155, 223) }
```


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

```
.border{ border-color:rgb(255, 155, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 155, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 155, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 155, 223); box-shadow:4px 4px 4px 4px rgb(255, 155, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2806, 50.0304, 75.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 223) }
```

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

```
.background{ background-color: rgb(255,  
155, 223) }
```

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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