

Converting Colors

XYZ(66.7051, 51.2249, 75.0517)

Have a look what the booklet for
XYZ(66.7051, 51.2249, 75.0517)
contains.

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Color

**XYZ(66.6893, 51.2767,
74.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FDD
RGB	255, 159, 221
RGB Percent	100%, 62%, 87%
CMY	0.0000, 0.3764, 0.1333
CMYK	0.00, 0.38, 0.13, 0.00
HSL	321°, 100%, 81%
HSV	321°, 38%, 100%
XYZ	66.6893, 51.2767, 74.7891
YIQ	194.7720, 37.3140, 39.6340

Conversions

Conversions Part 2

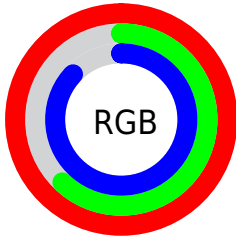
Format	Color
R _Y B	255, 159, 221
Decimal	16752605
CIE Lab	76.85, 44.10, -16.38
CIE LCh	77, 47.045, 339.619
Yxy	51.2767, 0.3460, 0.2660
Android (android.graphics.Color)	4294942685 (0xFFFF9FDD)
YUV	194.7720, 12.9304, 52.8200
Hunter-Lab	71.6078, 40.9260, -11.7987

Details

The XYZ color **66.6893, 51.2767, 74.7891** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.6855, 82.7420, 63.2801**, and the grayscale version is **51.6473, 54.3369, 59.1729**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **34.9605, 24.7266, 39.0065** is the 20% darker color. If you saturate the color by 10%, you get **61.5768, 42.9259, 67.3072**, and if you desaturate by 10%, it is **72.7733, 61.4666, 82.9155**.

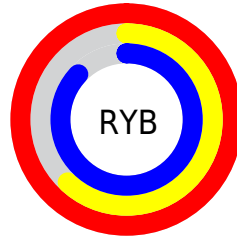
Distribution



Red (100%)

Green (62%)

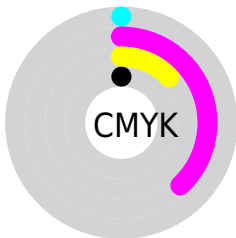
Blue (87%)



Red (100%)

Yellow (62%)

Blue (87%)

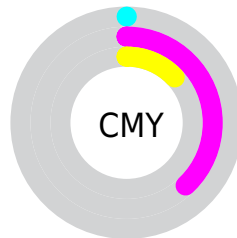


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6893, 51.2767, 74.7891 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 66.6893, 51.2767, 74.7891 by changing the saturation by 10% instead.


 66.6893, 51.2767,
74.7891


 66.6893, 51.2767,
74.7891


438.2879,
391.6379, 496.4284

 49.1019, 36.4289,
54.9394


 113.5274, 92.0637,
127.7581

 34.9152, 24.7656,
38.9550


 143.5088,
118.7716, 161.7146

 23.7638, 15.9025,
26.4171


178.3522,
150.2016, 201.2104

 15.2823, 9.4552,
16.9074

218.4231,
186.7382, 246.6641

 9.1053, 5.0393,
10.0072

264.0868,
228.7657, 298.4942

 4.8676, 2.2703,
5.2981

315.7085,

 2.2038, 0.7579,

276.6686, 357.1192

2.3614

373.6538,
330.8312, 422.9578

■ 0.7447, 0.0000,
0.7653

■ 0.0000, 0.0000,
0.0000

■ 66.6893, 51.2767,
74.7891

■ 66.6893, 51.2767,
74.7891

■ 61.5768, 42.9259,
67.3072

■ 72.7733, 61.4666,
82.9155

■ 57.3753, 36.2952,
60.4428

■ 79.8775, 73.5920,
91.7057

■ 54.0227, 31.2620,
54.1706

■ 88.0516, 87.7501,
101.1814

■ 51.4472, 27.6843,
48.4617

95.0500, 100.0000,
108.9000

■ 49.5643, 25.3950,
43.2824

■ 48.2628, 24.1734,
38.5902

■ 48.0028, 23.9651,
37.5426

Harmonies

Analogous

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



60.5393, 51.2767, 102.9808



66.6893, 51.2767, 74.7891



67.7230, 51.2767, 48.0039

Triad

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



66.6893, 51.2767, 74.7891



45.9211, 51.2767, 20.0035



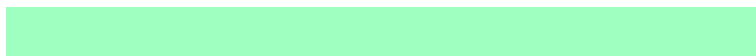
36.6599, 51.2767, 93.4708

Complementary

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



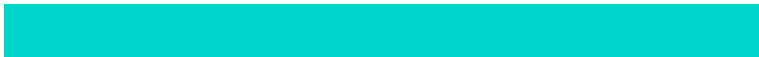
66.6893, 51.2767, 74.7891



59.6855, 82.7420, 63.2801

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.



33.6791, 51.2767, 64.4672



66.6893, 51.2767, 74.7891



38.5778, 51.2767, 25.8501

Square

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



66.6893, 51.2767, 74.7891



54.9712, 51.2767, 21.2333



34.3355, 51.2767, 40.3833



42.9928, 51.2767, 115.8533

Rectangle

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



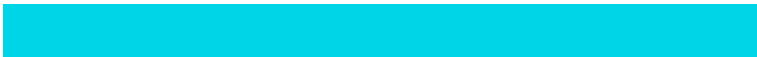
66.6893, 51.2767, 74.7891



65.2578, 51.2767, 34.8661



34.3355, 51.2767, 40.3833



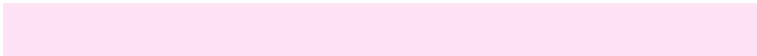
35.2701, 51.2767, 83.8643

Sweetspot

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



66.6905, 51.2789, 74.7901



85.1868, 82.7674, 97.9243



52.3407, 43.3038, 100.2076



17.9932, 17.2990, 20.6829



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.



66.6905, 51.2789, 74.7901



62.8380, 44.9627, 69.2250



61.2213, 49.0912, 45.9899



18.5035, 18.1847, 21.2685



25.1562, 12.5518, 20.0047



2.5014, 1.2429, 2.2216

Inverse Universe

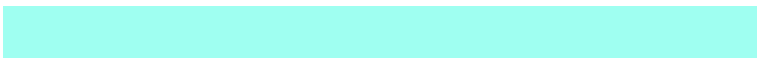
The Inverse Universe completely reimagines the original color for something new.



66.6905, 51.2789, 74.7901



62.8380, 44.9627, 69.2250



65.8769, 85.2186, 95.8836



18.5035, 18.1847, 21.2685



25.1562, 12.5518, 20.0047



2.5014, 1.2429, 2.2216

Previews

White Background



This preview shows how the XYZ color 66.6893, 51.2767, 74.7891 looks on a white background.

Color Contrast Check

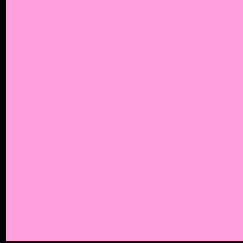
Large Text (above 18pt) WCAG AA × Fail

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 66.6893, 51.2767, 74.7891 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 66.6893, 51.2767, 74.7891

Background



This preview shows how black text looks on a background with the XYZ color 66.6893, 51.2767, 74.7891.



This preview shows how white text looks on a background with the XYZ color 66.6893, 51.2767,

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

66.6893, 51.2767, 74.7891

Protanopia

51.9919, 51.6644, 90.4511

Deuteranopia

52.5086, 51.3916, 72.1178



Tritanopia

61.4813, 51.2567, 49.8331

Trichromacy



Original Color

66.6893, 51.2767, 74.7891



Protanomaly

55.7503, 50.3639, 84.6248



Deuteranomaly

56.7955, 50.8643, 73.1540



Tritanomaly

63.2707, 51.1865, 58.1750

Monochromacy



Original Color

66.6893, 51.2767, 74.7891



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

56.2423, 52.5672, 64.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6893, 51.2767, 74.7891 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, 159, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 221)  
}
```

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, 159, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 221) }
```

Border

The CSS property to change the border of an element to XYZ 66.6893, 51.2767, 74.7891 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, 159, 221) }
```


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

```
.border{ border-color:rgb(255, 159, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6893, 51.2767, 74.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 221) }
```

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

```
.background{ background-color: rgb(255,  
159, 221) }
```

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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