

Converting Colors

XYZ(66.1294, 47.3209, 86.6821)

Have a look what the booklet for
XYZ(66.1294, 47.3209, 86.6821)
contains.

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Color

**XYZ(66.0660, 47.3065,
86.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	FD91EE
RGB	253, 145, 238
RGB Percent	99%, 57%, 93%
CMY	0.0078, 0.4313, 0.0667
CMYK	0.00, 0.43, 0.06, 0.01
HSL	308°, 96%, 78%
HSV	308°, 43%, 99%
XYZ	66.0660, 47.3065, 86.5379
YIQ	187.8940, 34.5150, 51.8190

Conversions

Conversions Part 2

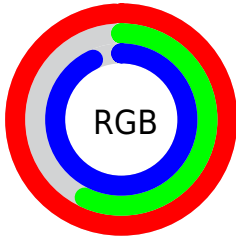
Format	Color
R_{YB}	253, 145, 238
Decimal	16617966
CIE Lab	74.39, 53.32, -29.42
CIE LCh	74, 60.898, 331.110
Yxy	47.3065, 0.3305, 0.2366
Android (android.graphics.Color)	4294808046 (0xFFFD91EE)
YUV	187.8940, 24.7023, 57.0980
Hunter-Lab	68.7797, 51.0927, -26.4522

Details

The XYZ color **66.0660, 47.3065, 86.5379** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **53.1495, 78.8099, 45.6713**, and the grayscale version is **47.5918, 50.0703, 54.5266**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **34.4327, 22.3289, 46.7511** is the 20% darker color. If you saturate the color by 10%, you get **62.1109, 40.2137, 82.6974**, and if you desaturate by 10%, it is **70.8949, 56.1290, 90.7204**.

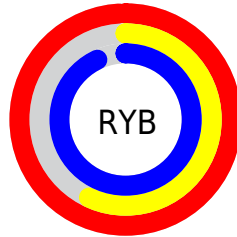
Distribution



Red (99%)

Green (57%)

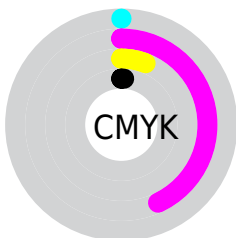
Blue (93%)



Red (99%)

Yellow (57%)

Blue (93%)

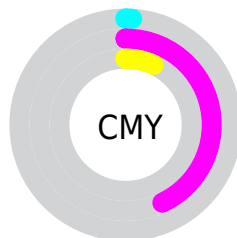


Cyan (0%)

Magenta (43%)

Yellow (6%)

Black (1%)



Cyan (1%)


Magenta (43%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0660, 47.3065, 86.5379 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 66.0660, 47.3065, 86.5379 by changing the saturation by 10% instead.


 66.0660, 47.3065,
86.5379


 66.0660, 47.3065,
86.5379


436.0978,
376.0366, 536.9799

 48.5939, 33.2780,
64.5554

 112.6383, 86.1710,
144.4131

 34.5106, 22.3395,
46.6516


 142.4691,
111.7757, 181.1428

 23.4509, 14.1066,
32.4080


177.1503,
142.0080, 223.6254

 15.0493, 8.1948,
21.4059

217.0471,
177.2523, 272.2794

 8.9406, 4.2199,
13.2269

262.5248,
217.8929, 327.5233

 4.7592, 1.7973,
7.4524

313.9490,

 2.1400, 0.4855,

264.3142, 389.7757

3.6639

371.6849,
316.9007, 459.4550

■ 0.7108, 0.0000,
1.4428

■ 0.0000, 0.0000,
0.1748

■ 66.0660, 47.3065,
86.5379

■ 66.0660, 47.3065,
86.5379

■ 62.1109, 40.2137,
82.6974

■ 70.8949, 56.1290,
90.7204

■ 58.9673, 34.7286,
79.1763

■ 76.6456, 66.7797,
95.2596

■ 56.5716, 30.7235,
75.9537

■ 83.3679, 79.3575,
100.1731

■ 54.8489, 28.0486,
73.0044

■ 91.1069, 93.9521,
105.4759

■ 53.7084, 26.5222,
70.2976

94.3185, 99.6229,
108.8658

■ 53.1450, 25.9375,
68.4387

Harmonies

Analogous

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



56.7610, 47.3065, 122.4369



66.0660, 47.3065, 86.5379



69.5106, 47.3065, 50.3481

Triad

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



66.0660, 47.3065, 86.5379



44.5563, 47.3065, 11.6510



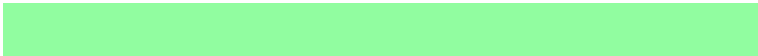
29.2191, 47.3065, 89.4321

Complementary

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



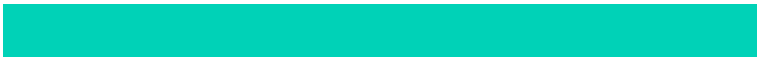
66.0660, 47.3065, 86.5379



53.1495, 78.8099, 45.6713

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.



27.0054, 47.3065, 52.6870



66.0660, 47.3065, 86.5379



34.9255, 47.3065, 15.1766

Square

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



66.0660, 47.3065, 86.5379



55.9389, 47.3065, 14.6646



28.9138, 47.3065, 27.4958



35.5265, 47.3065, 124.5316

Rectangle

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



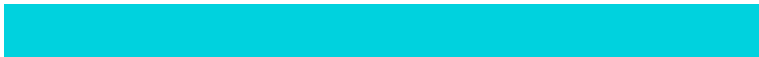
66.0660, 47.3065, 86.5379



67.6411, 47.3065, 32.6779



28.9138, 47.3065, 27.4958



28.0223, 47.3065, 76.4613

Sweetspot

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



66.0675, 47.3087, 86.5389



84.6389, 80.3499, 101.8161



42.2348, 34.7571, 97.4123



17.7756, 16.5589, 21.5498



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.



66.0675, 47.3087, 86.5389



63.8440, 42.0253, 84.8186



59.3500, 44.6217, 51.1650



18.6777, 18.2544, 22.1861



28.3117, 13.8140, 36.6216



2.7852, 1.3565, 3.7163

Inverse Universe

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



66.0675, 47.3087, 86.5389



63.8440, 42.0253, 84.8186



58.8653, 81.0962, 75.7699



18.6777, 18.2544, 22.1861



28.3117, 13.8140, 36.6216



2.7852, 1.3565, 3.7163

Previews

White Background



This preview shows how the XYZ color 66.0660, 47.3065, 86.5379 looks on a white background.

Color Contrast Check

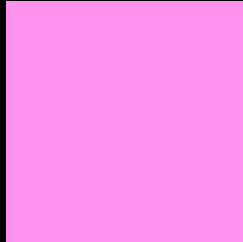
Large Text (above 18pt) WCAG AA × Fail

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 66.0660, 47.3065, 86.5379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

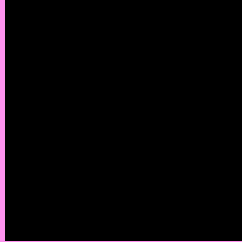
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0660, 47.3065, 86.5379

Background



This preview shows how black text looks on a background with the XYZ color 66.0660, 47.3065, 86.5379.



This preview shows how white text looks on a background with the XYZ color 66.0660, 47.3065,

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

66.0660, 47.3065, 86.5379

Protanopia

49.0711, 47.7413, 101.2364

Deuteranopia

48.7912, 47.6988, 82.9791



Tritanopia

57.4050, 47.1490, 44.6032

Trichromacy



Original Color

66.0660, 47.3065, 86.5379



Protanomaly

53.3496, 46.3142, 95.7502



Deuteranomaly

53.5718, 46.4153, 83.9774



Tritanomaly

60.1173, 47.0078, 57.5346

Monochromacy



Original Color

66.0660, 47.3065, 86.5379



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

53.0445, 47.9583, 64.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0660, 47.3065, 86.5379 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, 145, 238)` looks like.

```
.text, #text, p{  
    color:rgb(253, 145, 238)  
}
```

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, 145, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 145, 238) }
```

Border

The CSS property to change the border of an element to XYZ 66.0660, 47.3065, 86.5379 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, 145, 238) }
```


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

```
.border{ border-color:rgb(253, 145, 238) }
```

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

Here you see how a box with a 4 pixel rgb(253, 145, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 145, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 145, 238);  
box-shadow:4px 4px 4px 4px rgb(253, 145,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0660, 47.3065, 86.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 145, 238) }
```

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

```
.background{ background-color: rgb(253,  
145, 238) }
```

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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