

Converting Colors

YIQ(127.6220, 21.2620, 66.2380)

Have a look what the booklet for
YIQ(127.6220, 21.2620, 66.2380)
contains.

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Color

**YIQ(127.6220, 21.2620,
66.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4FD9
RGB	189, 79, 217
RGB Percent	74%, 31%, 85%
CMY	0.2585, 0.6904, 0.1490
CMYK	0.13, 0.64, 0.00, 0.15
HSL	288°, 64%, 58%
HSV	288°, 64%, 85%
XYZ	36.3246, 21.4250, 67.8626
YIQ	127.6220, 21.2620, 66.2380

Conversions

Conversions Part 2

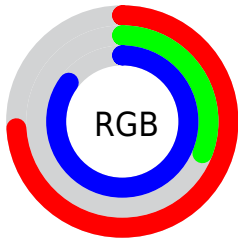
Format	Color
RYB	189, 79, 217
Decimal	12406745
CIELab	53.41, 63.66, -51.16
CIELCh	53, 81.672, 321.211
Yxy	21.4250, 0.2892, 0.1706
Android (android.graphics.Color)	4290596825 (0xFFBD4FD9)
YUV	127.6220, 44.0634, 53.8285
Hunter-Lab	46.2871, 59.0784, -54.5255

Details

The YIQ color **127.6220, 21.2620, 66.2380** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **168.3780, -21.2620, -66.2380**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.4670, 28.8280, 61.2760**, and **64.2790, 23.9660, 72.3020** is the 20% darker color. If you saturate the color by 10%, you get **113.5120, 24.9280, 76.8960**, and if you desaturate by 10%, it is **141.7320, 17.5960, 55.5800**.

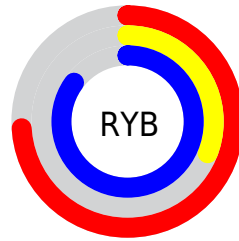
Distribution



Red (74%)

Green (31%)

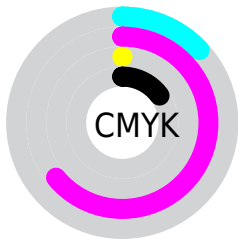
Blue (85%)



Red (74%)

Yellow (31%)

Blue (85%)

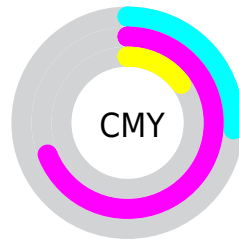


Cyan (13%)

Magenta (64%)

Yellow (0%)

Black (15%)



Cyan (26%)

Magenta (69%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6220, 21.2620, 66.2380 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 YIQ color 127.6220, 21.2620, 66.2380 by changing the saturation by 10% instead.

127.6220, 21.2620,
66.2380

127.6220, 21.2620,
66.2380

255.0000, -0.0000,
-0.0000

98.7360, 20.9410,
66.5490

182.4670, 28.8280,
61.2760

64.2790, 23.9660,
72.3020

200.9960, 25.3000,
48.1160

46.4860, 18.6490,
64.0330

217.4320, 17.6000,
33.4720

35.4490, 10.9030,
50.2230

234.4550, 9.6250,
18.3050

24.5260, 2.8360,
36.7240

252.0650, 1.3750,
2.6150

12.8200, -7.3400,
22.9000

5.3920, -12.4270,

10.4610

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 127.6220, 21.2620,
66.2380

■ 127.6220, 21.2620,
66.2380

■ 113.5120, 24.9280,
76.8960

■ 141.7320, 17.5960,
55.5800

■ 99.6900, 27.7230,
86.8190

■ 155.5540, 14.8010,
45.6570

■ 85.5800, 31.3890,
97.4770

■ 169.6640, 11.1350,
34.9990

■ 76.4650, 33.4510,
104.1630

■ 184.0730, 8.0650,
24.5530

197.5960, 4.6740,
14.4180

211.7060, 1.0080,
3.7600

226.1150, -2.0620,
-6.6860

240.2250, -5.7280,
-17.3440

242.8940, -3.2980,
-17.3300

Harmonies

Analogous

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



114.4820, -82.1210, 29.0390



127.6220, 21.2620, 66.2380



104.5240, 86.5480, 83.5080

Triad

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



127.6220, 21.2620, 66.2380



120.1070, 70.3370, -24.7270



112.3370, -99.9920, -27.0640

Complementary

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



127.6220, 21.2620, 66.2380



168.3780, -21.2620, -66.2380

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.



103.4280, -76.2840, -49.2440



127.6220, 21.2620, 66.2380



113.5860, 25.5470, -50.0130

Square

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



127.6220, 21.2620, 66.2380



114.5010, 108.2950, 3.2310



91.1450, -48.5870, -72.1310



117.4160, -118.4270, -6.8350

Rectangle

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



127.6220, 21.2620, 66.2380



96.6880, 109.1530, 75.8170



91.1450, -48.5870, -72.1310



109.6010, -92.2880, -34.5280

Sweetspot

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



127.6220, 21.2620, 66.2380



223.8340, 7.2400, 22.9840



112.3420, -52.5480, 27.2280



108.5960, 4.6740, 14.4180



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



127.6220, 21.2620, 66.2380



129.4610, 30.1060, 93.1940



131.5480, 50.4690, 60.0450



102.6460, 1.2370, 5.1170



60.9840, 26.7150, 83.0590



16.3070, 7.2860, 22.1500

Inverse Universe

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



123.4540, 73.2600, 37.9640



123.4520, 103.1050, 53.2570



164.4520, -50.4690, -60.0450



102.5170, 5.9140, 2.9540



55.7170, 91.8730, 47.5610



14.7800, 24.5270, 12.5510

Previews

White Background



This preview shows how the YIQ color 127.6220, 21.2620, 66.2380 looks on a white background.

Color Contrast Check

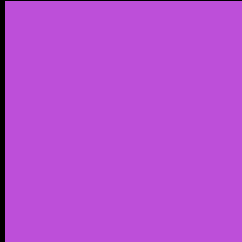
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 127.6220, 21.2620, 66.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

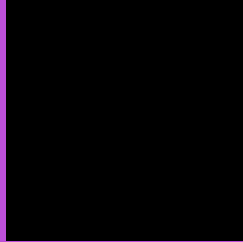
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.6220, 21.2620, 66.2380

Background



This preview shows how black text looks on a background with the YIQ color 127.6220, 21.2620, 66.2380.



This preview shows how white text looks on a background with the YIQ color 127.6220, 21.2620,

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

127.6220, 21.2620, 66.2380

Protanopia

113.8180, -92.1150, 22.9330

Deuteranopia

122.4690, -54.8840, 14.4920



Tritanopia

129.6460, 36.7680, 16.4800

Trichromacy



Original Color

127.6220, 21.2620, 66.2380



Protanomaly

118.9760, -51.0370, 38.3950



Deuteranomaly

124.2050, -27.0570, 33.3190



Tritanomaly

128.7880, 31.2170, 34.4890

Monochromacy



Original Color

127.6220, 21.2620, 66.2380



Achromatopsia

128.0000, -0.0000, -0.0000



Achromatomaly

127.6600, 7.7900, 24.0300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6220, 21.2620, 66.2380 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(189, 79, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 79, 217)  
}
```

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(189, 79, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 79, 217) }
```

Border

The CSS property to change the border of an element to YIQ 127.6220, 21.2620, 66.2380 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(189, 79, 217) }
```


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

```
.border{ border-color:rgb(189, 79, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 79, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 79, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 79, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 79,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6220, 21.2620, 66.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 79, 217) }
```

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

```
.background{ background-color: rgb(189, 79,  
217) }
```

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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