

Converting Colors

YIQ(66.5020, 74.4460, 71.5500)

Have a look what the booklet for
YIQ(66.5020, 74.4460, 71.5500)
contains.

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Color

**YIQ(66.5020, 74.4460,
71.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	B6006A
RGB	182, 0, 106
RGB Percent	71%, 0%, 42%
CMY	0.2858, 0.9999, 0.5841
CMYK	0.00, 1.00, 0.42, 0.29
HSL	325°, 100%, 36%
HSV	325°, 100%, 71%
XYZ	21.9258, 11.0023, 14.6185
YIQ	66.5020, 74.4460, 71.5500

Conversions

Conversions Part 2

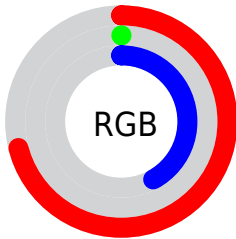
Format	Color
RYB	182, 0, 106
Decimal	11927658
CIELab	39.58, 67.06, -6.58
CIELCh	40, 67.383, 354.400
Yxy	11.0023, 0.4611, 0.2314
Android (android.graphics.Color)	4290117738 (0xFFB6006A)
YUV	66.5020, 19.4725, 101.2917
Hunter-Lab	33.1698, 59.9448, -2.9114

Details

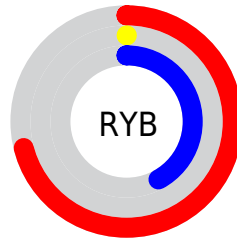
The YIQ color **66.5020, 74.4460, 71.5500** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **115.4980, -74.4460, -71.5500**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.2760, 71.6060, 56.9340**, and **43.5030, 54.3690, 44.4250** is the 20% darker color. If you saturate the color by 10%, you get **66.5020, 74.4460, 71.5500**, and if you desaturate by 10%, it is **77.9800, 66.9280, 64.6240**.

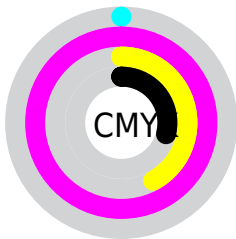
Distribution



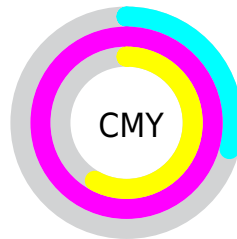
- Red (71%)
- Green (0%)
- Blue (42%)



- Red (71%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 66.5020, 74.4460, 71.5500 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 66.5020, 74.4460, 71.5500 by changing the saturation by 10% instead.


 66.5020, 74.4460,
71.5500


 66.5020, 74.4460,
71.5500


255.0000, -0.0000,
-0.0000


 54.7960, 64.2700,
57.7260


 139.2760, 71.6060,
56.9340


 43.5030, 54.3690,
44.4250


 163.5520, 61.8410,
52.1850


 32.3240, 44.1470,
31.4350

 183.1800, 45.1530,
46.2490

 22.1560, 35.3920,
19.3920

 203.3950, 28.1900,
39.7900

 10.8780, 21.1350,
7.9430

 222.1280, 15.4000,
29.2880

 0.0000, 0.0000,
0.0000

 239.7380, 7.1500,

13.5980

■ 66.5020, 74.4460,
71.5500

■ 77.9800, 66.9280,
64.6240

■ 89.3440, 59.7310,
57.3870

■ 101.4090, 51.9380,
49.9380

■ 112.7730, 44.7410,
42.7010

■ 124.2510, 37.2230,
35.7750

■ 135.7290, 29.7050,
28.8490

■ 147.6800, 22.2330,
21.0890

■ 159.1580, 14.7150,
14.1630

■ 170.6360, 7.1970,
7.2370

Harmonies

Analogous

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



91.3150, 23.1440, 54.1520



66.5020, 74.4460, 71.5500



73.2710, 87.1970, 44.1970

Triad

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



66.5020, 74.4460, 71.5500



81.6900, 13.9910, -38.8170



87.1930, -89.8180, -2.1860

Complementary

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



66.5020, 74.4460, 71.5500



115.4980, -74.4460, -71.5500

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.



83.7100, -75.8770, -18.0610



66.5020, 74.4460, 71.5500



67.9100, -36.8990, -52.6670

Square

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



66.5020, 74.4460, 71.5500



88.4330, 49.1080, -19.9480



76.7390, -57.6260, -34.9540



84.3040, -94.0840, 9.0520

Rectangle

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



66.5020, 74.4460, 71.5500



82.3740, 84.2680, 14.6680



76.7390, -57.6260, -34.9540



86.8850, -86.1950, -7.2750

Sweetspot

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



66.5020, 74.4460, 71.5500



191.9030, 29.1550, 27.8030



43.4720, -13.1260, 72.7140



92.7070, 17.6030, 16.8910



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



66.5020, 74.4460, 71.5500



86.5950, 96.9540, 93.1620



56.1280, 103.6570, 43.2490



86.2610, 3.7590, 3.4630



57.0180, 63.7650, 61.3730



10.1960, 11.5520, 10.9120

Inverse Universe

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



66.5020, 74.4460, 71.5500



86.5950, 96.9540, 93.1620



125.8720, -103.6570, -43.2490



86.2610, 3.7590, 3.4630



57.0180, 63.7650, 61.3730



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 66.5020, 74.4460, 71.5500 looks on a white 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

Black Background



This preview shows how the YIQ color 66.5020, 74.4460, 71.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

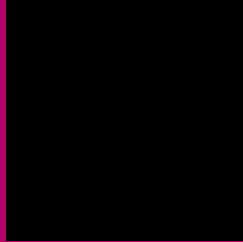
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.5020, 74.4460, 71.5500

Background



This preview shows how black text looks on a background with the YIQ color 66.5020, 74.4460, 71.5500.



This preview shows how white text looks on a background with the YIQ color 66.5020, 74.4460,

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

66.5020, 74.4460, 71.5500

Protanopia

94.6320, -30.5380, 13.7980

Deuteranopia

96.8590, 4.9510, 3.8870



Tritanopia

83.0770, 81.3310, 29.3550

Trichromacy



Original Color

66.5020, 74.4460, 71.5500

Protanomaly

84.3970, 7.5130, 34.5610

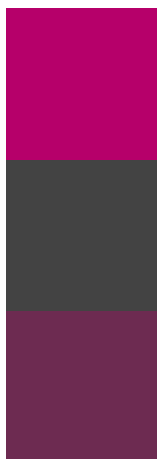
Deuteranomaly

85.6150, 30.0260, 28.5380

Tritanomaly

77.1930, 78.6690, 44.5650

Monochromacy



Original Color

66.5020, 74.4460, 71.5500

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.0660, 27.1380, 25.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.5020, 74.4460, 71.5500 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(182, 0, 106)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 106)  
}
```

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(182, 0, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 106) }
```

Border

The CSS property to change the border of an element to YIQ 66.5020, 74.4460, 71.5500 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(182, 0, 106) }
```


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

```
.border{ border-color:rgb(182, 0, 106) }
```

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

Here you see how a box with a 4 pixel rgb(182, 0, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 106);  
box-shadow:4px 4px 4px 4px rgb(182, 0,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 66.5020, 74.4460, 71.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 106) }
```

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

```
.background{ background-color: rgb(182, 0,  
106) }
```

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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