

Converting Colors

YIQ(36.8600, 5.4920, 54.6760)

Have a look what the booklet for
YIQ(36.8600, 5.4920, 54.6760)
contains.

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Color

**YIQ(36.8600, 5.4920,
54.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	4C007C
RGB	76, 0, 124
RGB Percent	30%, 0%, 49%
CMY	0.7017, 1.0000, 0.5138
CMYK	0.39, 1.00, 0.00, 0.51
HSL	277°, 100%, 24%
HSV	277°, 100%, 49%
XYZ	6.6226, 2.9940, 19.2913
YIQ	36.8600, 5.4920, 54.6760

Conversions

Conversions Part 2

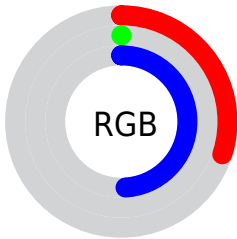
Format	Color
RYB	76, 0, 124
Decimal	4980860
CIELab	20.02, 50.49, -50.23
CIELCh	20, 71.218, 315.149
Yxy	2.9940, 0.2291, 0.1036
Android (android.graphics.Color)	4283170940 (0xFF4C007C)
YUV	36.8600, 42.9600, 34.3258
Hunter-Lab	17.3030, 38.0393, -53.9909

Details

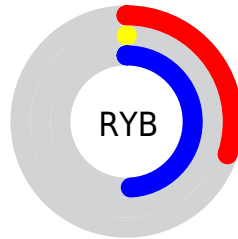
The YIQ color **36.8600, 5.4920, 54.6760** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **87.1400, -5.4920, -54.6760**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3820, 3.8420, 51.5380**, and **15.9110, -8.8540, 28.3140** is the 20% darker color. If you saturate the color by 10%, you get **36.8600, 5.4920, 54.6760**, and if you desaturate by 10%, it is **45.3990, 5.1720, 49.4600**.

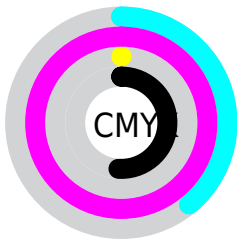
Distribution



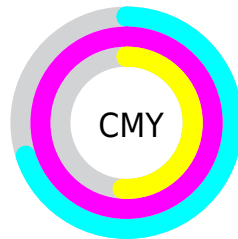
- Red (30%)
- Green (0%)
- Blue (49%)



- Red (30%)
- Yellow (0%)
- Blue (49%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (70%)
- Magenta (100%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 36.8600, 5.4920, 54.6760 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 36.8600, 5.4920, 54.6760 by changing the saturation by 10% instead.


 36.8600, 5.4920,
54.6760


 36.8600, 5.4920,
54.6760


 253.2390, 0.8250,
1.5690

 25.8230, -2.2540,
40.8660


 94.6810, 4.4380,
51.7500

 16.2100, -8.2580,
28.5260

 121.0940, 4.7130,
52.2730


 5.7000, -16.0500,
15.5500

 148.3330, 5.5380,
53.8420

 4.3660, -9.5380,
7.6620


 175.2470, 8.6560,
52.4000

 0.0000, 0.0000,
0.0000

 199.7670, 18.5150,
44.4270


 219.1930, 16.7750,

31.9030


 236.2160, 8.8000,
16.7360


 36.8600, 5.4920,
54.6760

 45.3990, 5.1720,
49.4600

 54.5250, 4.5770,
43.7210

 62.7650, 3.6610,
38.2930

 71.8910, 3.0660,
32.5540

 80.4300, 2.7460,
27.3380

■ 88.9690, 2.4260,
22.1220

■ 98.0950, 1.8310,
16.3830

■ 106.3350, 0.9150,
10.9550

■ 115.4610, 0.3200,
5.2160

Harmonies

Analogous

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



45.6180, -62.3130, 22.4790



36.8600, 5.4920, 54.6760



45.2560, 47.9950, 49.8110

Triad

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



36.8600, 5.4920, 54.6760



45.3510, 38.3760, -1.6560



47.2920, -42.2250, -11.1930

Complementary

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



36.8600, 5.4920, 54.6760



87.1400, -5.4920, -54.6760

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.



40.2070, -23.6530, -28.3970



36.8600, 5.4920, 54.6760



42.1630, 6.0100, -20.8220

Square

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



36.8600, 5.4920, 54.6760



34.0860, 67.9440, 24.1680



36.3940, -17.0500, -32.4260



53.3510, -57.9080, 3.2120

Rectangle

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



36.8600, 5.4920, 54.6760



44.0710, 64.2730, 41.1450



36.3940, -17.0500, -32.4260



45.2400, -36.4470, -16.7910

Sweetspot

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



36.8600, 5.4920, 54.6760



126.5560, 2.1510, 21.5990



43.4860, -53.5540, 12.4140



60.8020, 1.0980, 13.1460



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



36.8600, 5.4920, 54.6760



47.9550, 7.3230, 71.0590



49.8440, 37.9520, 61.1200



56.8800, 0.4580, 2.7140



37.2730, 5.7670, 55.1990



75.0730, 11.4880, 111.2320

Inverse Universe

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



42.5480, 58.4960, 41.2160



55.2070, 76.0540, 53.4140



74.1560, -37.9520, -61.1200



57.0220, 2.9340, 1.8940



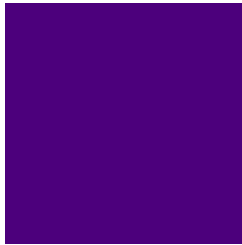
42.8470, 59.0920, 41.4280



86.5200, 118.7340, 83.9020

Previews

White Background



This preview shows how the YIQ color 36.8600, 5.4920, 54.6760 looks on a white background.

Color Contrast Check

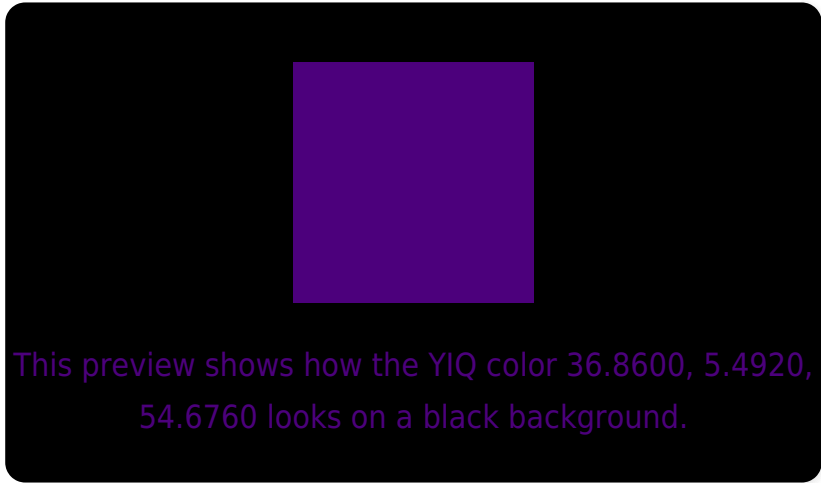
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

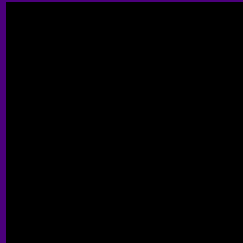
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.8600, 5.4920, 54.6760

Background



This preview shows how black text looks on a background with the YIQ color 36.8600, 5.4920, 54.6760.



This preview shows how white text looks on a background with the YIQ color 36.8600, 5.4920,

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

36.8600, 5.4920, 54.6760

Protanopia

41.4340, -47.7760, 6.8160

Tritanopia

52.3430, 6.4640, 4.0000

Trichromacy



Original Color

36.8600, 5.4920, 54.6760

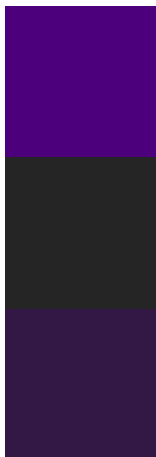
Protanomaly

40.0380, -28.3850, 24.3430

Tritanomaly

46.8230, 5.7730, 22.0370

Monochromacy



Original Color

36.8600, 5.4920, 54.6760

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.2030, 1.6470, 19.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.8600, 5.4920, 54.6760 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(76, 0, 124)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 124)  
}
```

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(76, 0, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 124) }
```

Border

The CSS property to change the border of an element to YIQ 36.8600, 5.4920, 54.6760 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(76, 0, 124) }
```

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

```
.border{ border-color:rgb(76, 0, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(76, 0, 124)  
}
```


Background

The CSS property to change the background color of an element to YIQ 36.8600, 5.4920, 54.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 124) }
```

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

```
.background{ background-color: rgb(76, 0,  
124) }
```

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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