

Converting Colors

YIQ(42.1480, 21.8160, 45.1760)

Have a look what the booklet for
YIQ(42.1480, 21.8160, 45.1760)
contains.

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Color

**YIQ(42.1480, 21.8160,
45.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	5B075F
RGB	91, 7, 95
RGB Percent	36%, 3%, 37%
CMY	0.6429, 0.9727, 0.6274
CMYK	0.04, 0.93, 0.00, 0.63
HSL	297°, 86%, 20%
HSV	297°, 93%, 37%
XYZ	6.4622, 3.2050, 11.1056
YIQ	42.1480, 21.8160, 45.1760

Conversions

Conversions Part 2

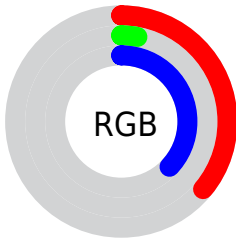
Format	Color
RYB	91, 7, 95
Decimal	5965663
CIELab	20.85, 45.25, -29.92
CIElCh	21, 54.245, 326.530
Yxy	3.2050, 0.3111, 0.1543
Android (android.graphics.Color)	4284155743 (0xFF5B075F)
YUV	42.1480, 26.0560, 42.8432
Hunter-Lab	17.9024, 33.1033, -24.2485

Details

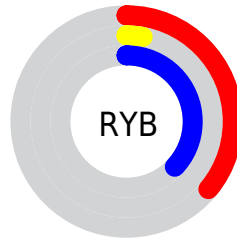
The YIQ color **42.1480, 21.8160, 45.1760** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **59.8520, -21.8160, -45.1760**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **97.8550, 21.0830, 41.9390**, and **18.6280, 10.8160, 24.2560** is the 20% darker color. If you saturate the color by 10%, you get **38.0390, 23.7410, 48.8370**, and if you desaturate by 10%, it is **47.4310, 19.3410, 40.4690**.

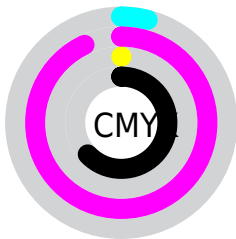
Distribution



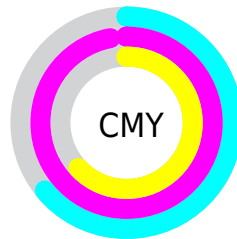
- Red (36%)
- Green (3%)
- Blue (37%)



- Red (36%)
- Yellow (3%)
- Blue (37%)



- Cyan (4%)
- Magenta (93%)
- Yellow (0%)
- Black (63%)



- Cyan (64%)
- Magenta (97%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.1480, 21.8160, 45.1760 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 42.1480, 21.8160, 45.1760 by changing the saturation by 10% instead.

42.1480, 21.8160,
45.1760

42.1480, 21.8160,
45.1760

255.0000, -0.0000,
-0.0000

27.8280, 16.5450,
36.0730

97.8550, 21.0830,
41.9390

18.6280, 10.8160,
24.2560

123.9800, 22.2290,
43.1970

2.9640, -8.3460,
8.0860

151.2790, 22.8250,
43.4090

0.0000, 0.0000,
0.0000


178.5180, 23.6500,
44.9780


205.6920, 23.1000,
43.9320


222.1280, 15.4000,


29.2880


 238.5640, 7.7000,
14.6440


 42.1480, 21.8160,
45.1760


 42.1480, 21.8160,
45.1760


 38.0390, 23.7410,
48.8370

 47.4310, 19.3410,
40.4690

 53.6000, 17.1870,
35.4510

 58.8830, 14.7120,
30.7440

 65.0520, 12.5580,
25.7260

 70.3350, 10.0830,
21.0190

■ 76.5040, 7.9290,
16.0010

■ 81.7870, 5.4540,
11.2940

■ 87.6570, 2.7040,
6.0640

■ 93.2390, 0.8250,
1.5690

Harmonies

Analogous

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



44.3570, -39.7090, 20.3150



42.1480, 21.8160, 45.1760



40.5840, 49.6470, 41.8950

Triad

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



42.1480, 21.8160, 45.1760



47.6220, 27.0070, -10.3770



48.4320, -45.4350, -8.0830

Complementary

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



42.1480, 21.8160, 45.1760



59.8520, -21.8160, -45.1760

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.



43.1710, -31.9990, -20.3110



42.1480, 21.8160, 45.1760



42.1190, 0.1420, -24.6100

Square

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



42.1480, 21.8160, 45.1760



43.9660, 50.0660, 6.7540



36.9810, -17.3250, -32.9490



51.0200, -55.4780, 3.2260

Rectangle

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



42.1480, 21.8160, 45.1760



38.2180, 59.1850, 34.2330



36.9810, -17.3250, -32.9490



46.9500, -41.2620, -12.1260

Sweetspot

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



42.1480, 21.8160, 45.1760



101.7430, 8.7540, 17.5700



19.3800, -29.3480, 25.2760



48.3740, 5.1790, 10.7710



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



42.1480, 21.8160, 45.1760



48.8910, 30.5700, 62.7460



38.7840, 37.0400, 33.5840



45.6520, 1.1000, 2.0920



44.7610, 27.8200, 57.5160



95.8310, 59.4440, 123.1880

Inverse Universe

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



33.7680, 51.1640, 19.9000



37.0480, 71.1070, 27.4190



63.2160, -37.0400, -33.5840



45.1960, 2.3840, 0.8480



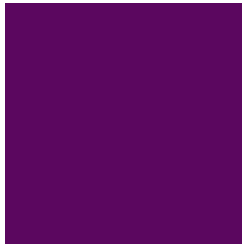
34.0580, 65.1470, 25.2990



73.0140, 139.5090, 54.3010

Previews

White Background



This preview shows how the YIQ color 42.1480, 21.8160, 45.1760 looks on a white background.

Color Contrast Check

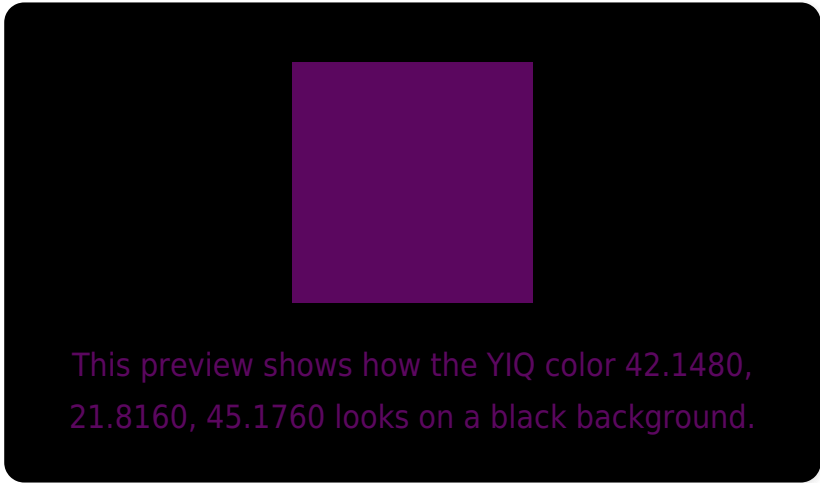
Large Text (above 18pt) WCAG AA ✓ Pass

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

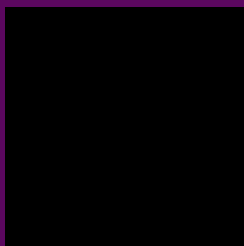
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.1480, 21.8160, 45.1760

Background



This preview shows how black text looks on a background with the YIQ color 42.1480, 21.8160, 45.1760.



This preview shows how white text looks on a background with the YIQ color 42.1480, 21.8160,

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

42.1480, 21.8160, 45.1760

Protanopia

42.2490, -48.6930, 6.9150

Deuteranopia

49.3300, -27.0520, 5.6840



Tritanopia

52.2810, 27.3700, 10.5860

Trichromacy



Original Color

42.1480, 21.8160, 45.1760

Protanomaly

42.1540, -23.0200, 20.7240

Deuteranomaly

46.4560, -9.3110, 20.0730

Tritanomaly

48.7020, 25.1670, 22.9830

Monochromacy



Original Color

42.1480, 21.8160, 45.1760

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.9170, 8.2040, 16.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.1480, 21.8160, 45.1760 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(91, 7, 95)` looks like.

```
.text, #text, p{  
    color:rgb(91, 7, 95)  
}
```

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(91, 7, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 7, 95) }
```

Border

The CSS property to change the border of an element to YIQ 42.1480, 21.8160, 45.1760 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(91, 7, 95) }
```


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

```
.border{ border-color:rgb(91, 7, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 7, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 7, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(91, 7, 95); box-shadow:4px  
4px 4px 4px rgb(91, 7, 95) }
```

Background

The CSS property to change the background color of an element to YIQ 42.1480, 21.8160, 45.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 7, 95) }
```

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

```
.background{ background-color: rgb(91, 7,  
95) }
```

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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