

Converting Colors

YIQ(35.0760, 13.1510, 42.5190)

Have a look what the booklet for
YIQ(35.0760, 13.1510, 42.5190)
contains.

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Color

**YIQ(35.0760, 13.1510,
42.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	4A045D
RGB	74, 4, 93
RGB Percent	29%, 2%, 36%
CMY	0.7096, 0.9844, 0.6353
CMYK	0.20, 0.96, 0.00, 0.64
HSL	287°, 92%, 19%
HSV	287°, 96%, 36%
XYZ	4.8471, 2.3345, 10.5501
YIQ	35.0760, 13.1510, 42.5190

Conversions

Conversions Part 2

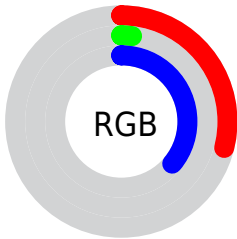
Format	Color
R_{YB}	74, 4, 93
Decimal	4850781
CIE _{Lab}	17.15, 42.52, -34.70
CIE _{LCh}	17, 54.879, 320.780
Yxy	2.3345, 0.2734, 0.1317
Android (android.graphics.Color)	4283040861 (0xFF4A045D)
YUV	35.0760, 28.5565, 34.1363
Hunter-Lab	15.2792, 29.8880, -30.2436




Details

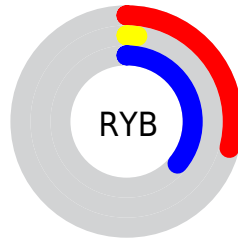
The YIQ color **35.0760, 13.1510, 42.5190** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **61.9240, -13.1510, -42.5190**, and the grayscale version is **35.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **88.7230, 12.6470, 40.6390**, and **13.3170, 1.3260, 20.0300** is the 20% darker color. If you saturate the color by 10%, you get **32.4290, 13.6550, 44.3990**, and if you desaturate by 10%, it is **40.9570, 11.8680, 38.2360**.

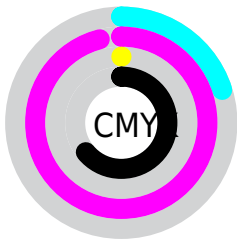
Distribution







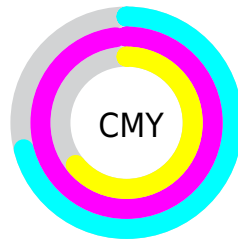
-  Red (29%)
-  Green (2%)
-  Blue (36%)






-  Red (29%)
-  Yellow (2%)
-  Blue (36%)



-  Cyan (20%)
-  Magenta (96%)
-  Yellow (0%)
-  Black (64%)





-  Cyan (71%)
-  Magenta (98%)
-  Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 35.0760, 13.1510, 42.5190 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 35.0760, 13.1510, 42.5190 by changing the saturation by 10% instead.


 35.0760, 13.1510,
42.5190

 35.0760, 13.1510,
42.5190


 250.8910, 1.9250,
3.6610


 22.5170, 7.0550,
31.8470


 88.7230, 12.6470,
40.6390


 13.3170, 1.3260,
20.0300


 114.5490, 13.1970,
41.6850

 3.3230, -7.9790,
6.9410

 141.2610, 14.0680,
42.4200

 0.0000, 0.0000,
0.0000


 168.2010, 14.2970,
43.7770


 195.9130, 15.1680,
44.5120


 217.4320, 17.6000,


33.4720


 233.8680, 9.9000,
18.8280

 35.0760, 13.1510,
42.5190


 35.0760, 13.1510,
42.5190


 32.4290, 13.6550,
44.3990

 40.9570, 11.8680,
38.2360

 47.4250, 10.3100,
33.4300

 53.3060, 9.0270,
29.1470

 59.1870, 7.7440,
24.8640

 65.0680, 6.4610,
20.5810

■ 71.5360, 4.9030,
15.7750

■ 77.4170, 3.6200,
11.4920

■ 83.2980, 2.3370,
7.2090

■ 89.7660, 0.7790,
2.4030

Harmonies

Analogous

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



35.7580, -48.3280, 16.8240



35.0760, 13.1510, 42.5190



36.8820, 42.8160, 39.0400

Triad

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



35.0760, 13.1510, 42.5190



40.5560, 27.3730, -5.9950



41.3250, -37.8240, -8.3520

Complementary

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



35.0760, 13.1510, 42.5190



61.9240, -13.1510, -42.5190

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.



36.0640, -24.3880, -20.5800



35.0760, 13.1510, 42.5190



35.9500, 2.2960, -19.5920

Square

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



35.0760, 13.1510, 42.5190



31.6060, 51.4400, 14.8960



31.6980, -14.8500, -28.2420



44.7280, -48.7840, 3.0560

Rectangle

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



35.0760, 13.1510, 42.5190



35.1140, 53.5460, 31.8020



31.6980, -14.8500, -28.2420



39.8430, -33.6510, -12.3950

Sweetspot

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



35.0760, 13.1510, 42.5190



97.0630, 4.8570, 16.6090



25.2990, -33.7940, 17.7420



47.4770, 3.3910, 10.1350



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.



35.0760, 13.1510, 42.5190



41.7860, 17.5040, 57.2480



37.9070, 32.5000, 38.7720



42.7660, 0.7790, 2.4030



38.2540, 15.9460, 52.4420



82.9310, 35.3750, 113.3510

Inverse Universe

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



32.7770, 46.9450, 24.7770



38.7300, 63.4950, 33.2150



59.0930, -32.5000, -38.7720



42.6090, 2.6590, 1.3710



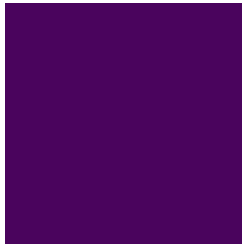
35.5120, 58.1770, 30.4730



76.5630, 125.2020, 65.7940

Previews

White Background



This preview shows how the YIQ color 35.0760, 13.1510, 42.5190 looks on a white background.

Color Contrast Check

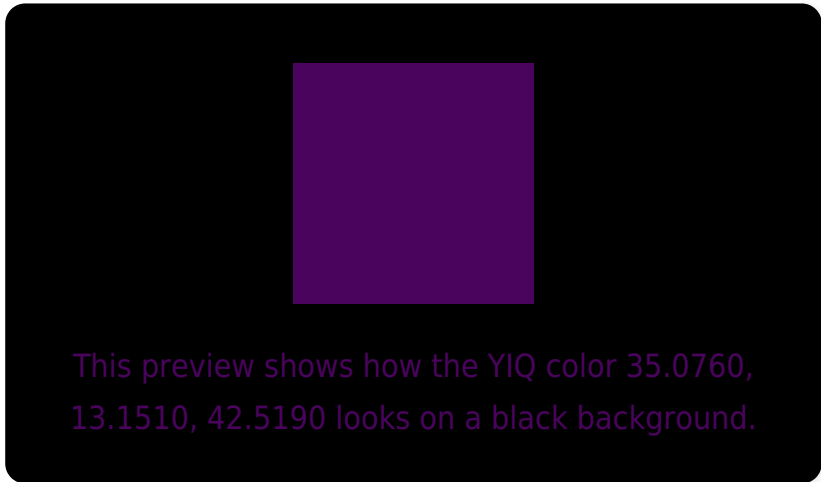
Large Text (above 18pt) WCAG AA ✓ Pass

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

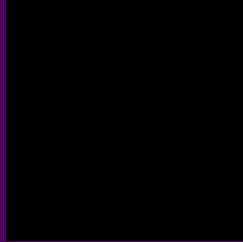
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.0760, 13.1510, 42.5190

Background



This preview shows how black text looks on a background with the YIQ color 35.0760, 13.1510, 42.5190.



This preview shows how white text looks on a background with the YIQ color 35.0760, 13.1510,

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

35.0760, 13.1510, 42.5190

Protanopia

36.4300, -41.9530, 5.9110

Deuteranopia

36.2360, -38.6510, 1.1330



Tritanopia

45.8990, 16.6420, 6.7700

Trichromacy



Original Color

35.0760, 13.1510, 42.5190

Protanomaly

35.6980, -21.7360, 19.4800

Deuteranomaly

35.9600, -19.7180, 15.9460

Tritanomaly

42.0320, 15.3100, 19.9020

Monochromacy



Original Color

35.0760, 13.1510, 42.5190

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1230, 4.6280, 15.2520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.0760, 13.1510, 42.5190 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(74, 4, 93)` looks like.

```
.text, #text, p{  
    color:rgb(74, 4, 93)  
}
```

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(74, 4, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 4, 93) }
```

Border

The CSS property to change the border of an element to YIQ 35.0760, 13.1510, 42.5190 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(74, 4, 93) }
```


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

```
.border{ border-color:rgb(74, 4, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 4, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 4, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 4, 93); box-shadow:4px  
4px 4px 4px rgb(74, 4, 93) }
```

Background

The CSS property to change the background color of an element to YIQ 35.0760, 13.1510, 42.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 4, 93) }
```

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

```
.background{ background-color: rgb(74, 4,  
93) }
```

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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