

Converting Colors

YIQ(54.7020, 35.4760, 61.9400)

Have a look what the booklet for
YIQ(54.7020, 35.4760, 61.9400)
contains.

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Color

**YIQ(54.7020, 35.4760,
61.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0579
RGB	127, 5, 121
RGB Percent	50%, 2%, 47%
CMY	0.5016, 0.9806, 0.5254
CMYK	0.00, 0.96, 0.05, 0.50
HSL	303°, 93%, 26%
HSV	303°, 96%, 50%
XYZ	12.2719, 6.0074, 18.6061
YIQ	54.7020, 35.4760, 61.9400

Conversions

Conversions Part 2

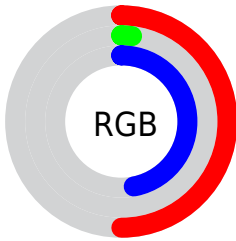
Format	Color
RYB	127, 5, 121
Decimal	8324473
CIELab	29.43, 56.89, -32.65
CIElCh	29, 65.596, 330.144
Yxy	6.0074, 0.3327, 0.1629
Android (android.graphics.Color)	4286514553 (0xFF7F0579)
YUV	54.7020, 32.6849, 63.4053
Hunter-Lab	24.5099, 46.4809, -27.8516

Details

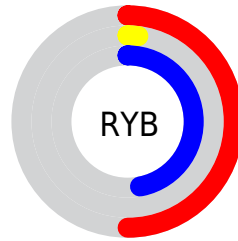
The YIQ color **54.7020, 35.4760, 61.9400** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.2980, -35.4760, -61.9400**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4040, 33.1390, 54.7310**, and **30.0350, 20.3960, 37.8680** is the 20% darker color. If you saturate the color by 10%, you get **51.7670, 36.8510, 64.5550**, and if you desaturate by 10%, it is **62.4470, 31.5800, 55.4520**.

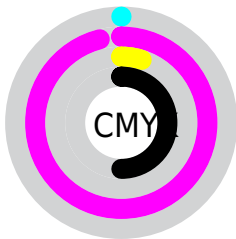
Distribution



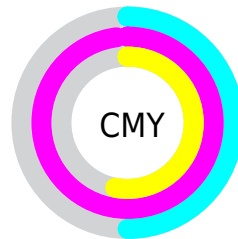
- Red (50%)
- Green (2%)
- Blue (47%)



- Red (50%)
- Yellow (2%)
- Blue (47%)



- Cyan (0%)
- Magenta (96%)
- Yellow (5%)
- Black (50%)



- Cyan (50%)
- Magenta (98%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.7020, 35.4760, 61.9400 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 54.7020, 35.4760, 61.9400 by changing the saturation by 10% instead.

■ 54.7020, 35.4760,
61.9400

■ 54.7020, 35.4760,
61.9400

■ 255.0000, -0.0000,
-0.0000

■ 40.8440, 28.7840,
51.0560

■ 117.4040, 33.1390,
54.7310

■ 30.0350, 20.3960,
37.8680

■ 145.5890, 34.0560,
54.6320

■ 20.5360, 14.0710,
25.8390

■ 173.7140, 35.2020,
55.8900

■ 6.9650, -0.9190,
11.1530

■ 196.8870, 27.2250,
51.7770


■ 0.0000, 0.0000,
0.0000


■ 213.3230, 19.5250,
37.1330


■ 230.3460, 11.5500,


21.9660


 247.3690, 3.5750,
6.7990


 54.7020, 35.4760,
61.9400


 54.7020, 35.4760,
61.9400


 51.7670, 36.8510,
64.5550

 62.4470, 31.5800,
55.4520

 69.4910, 28.2800,
49.1760

 77.2360, 24.3840,
42.6880

 84.9810, 20.4880,
36.2000

 92.6120, 16.9130,
29.4010

■ 99.7700, 13.2920,
23.4360

■ 107.4010, 9.7170,
16.6370

■ 115.1460, 5.8210,
10.1490

■ 122.3040, 2.2000,
4.1840

Harmonies

Analogous

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



66.2580, -34.5760, 31.9200



54.7020, 35.4760, 61.9400



53.6560, 67.4800, 54.6160

Triad

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



54.7020, 35.4760, 61.9400



65.6300, 32.5560, -17.3320



65.9230, -62.9950, -9.2270

Complementary

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



54.7020, 35.4760, 61.9400



77.2980, -35.4760, -61.9400

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.



59.9950, -46.3030, -25.3990



54.7020, 35.4760, 61.9400



56.5280, -2.9280, -35.0560

Square

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



54.7020, 35.4760, 61.9400



62.9040, 61.8040, 3.2760



51.5080, -26.5390, -42.1790



69.1950, -74.9640, 3.9480

Rectangle

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



54.7020, 35.4760, 61.9400



49.8940, 78.0730, 44.3530



51.5080, -26.5390, -42.1790



63.9850, -57.5380, -14.5140

Sweetspot

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



54.7020, 35.4760, 61.9400



137.4820, 14.1630, 24.1710



20.1040, -36.7780, 38.7900



66.8630, 8.2960, 14.8560



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



54.7020, 35.4760, 61.9400



67.5320, 48.5390, 84.0190



47.9760, 54.4150, 43.5910



59.7770, 2.2460, 3.3500



52.0660, 37.4470, 64.7670



0.0000, 0.0000, 0.0000

Inverse Universe

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



54.7020, 35.4760, 61.9400



67.5320, 48.5390, 84.0190



84.0240, -54.4150, -43.5910



59.7770, 2.2460, 3.3500



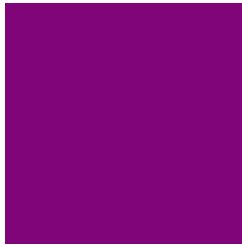
52.0660, 37.4470, 64.7670



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 54.7020, 35.4760, 61.9400 looks on a white background.

Color Contrast Check

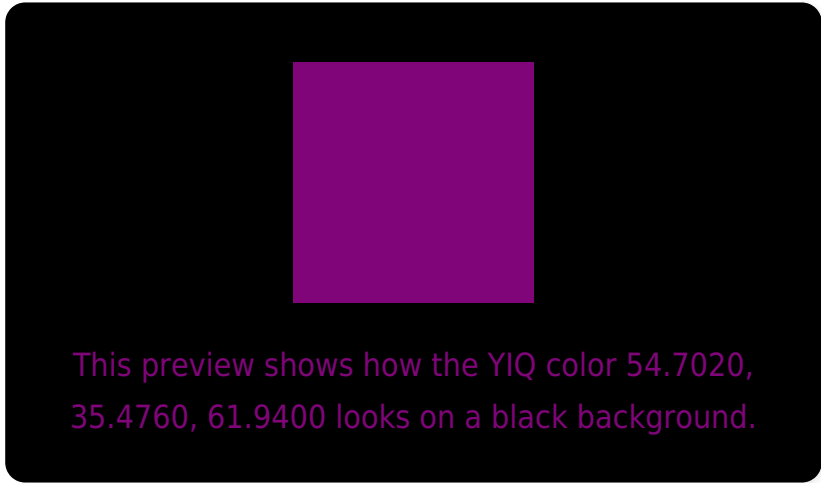
Large Text (above 18pt) WCAG AA ✓ Pass

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

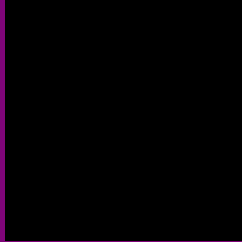
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.7020, 35.4760, 61.9400

Background



This preview shows how black text looks on a background with the YIQ color 54.7020, 35.4760, 61.9400.



This preview shows how white text looks on a background with the YIQ color 54.7020, 35.4760,

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

54.7020, 35.4760, 61.9400

Deuteranopia

69.9110, -27.1900, 8.1860

Tritanopia

69.8700, 41.9490, 16.1970

Trichromacy



Original Color

54.7020, 35.4760, 61.9400

Deuteranomaly

64.5370, -4.8650, 27.6070

Tritanomaly

64.2250, 40.1120, 32.9760

Monochromacy



Original Color

54.7020, 35.4760, 61.9400

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9440, 12.7420, 22.3900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.7020, 35.4760, 61.9400 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(127, 5, 121)` looks like.

```
.text, #text, p{  
    color:rgb(127, 5, 121)  
}
```

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(127, 5, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 5, 121) }
```

Border

The CSS property to change the border of an element to YIQ 54.7020, 35.4760, 61.9400 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(127, 5, 121) }
```

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

```
.border{ border-color:rgb(127, 5, 121) }
```

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

Here you see how a box with a 4 pixel rgb(127, 5, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 5, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 5, 121);  
box-shadow:4px 4px 4px 4px rgb(127, 5,  
121) }
```


Background

The CSS property to change the background color of an element to YIQ 54.7020, 35.4760, 61.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 5, 121) }
```

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

```
.background{ background-color: rgb(127, 5,  
121) }
```

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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