

Converting Colors

YIQ(53.4730, -60.7070, 15.3970)

Have a look what the booklet for
YIQ(53.4730, -60.7070, 15.3970)
contains.

YIQ(53.4730, -60.7070, 15.3970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(53.4730, -60.7070,
15.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	053C93
RGB	5, 60, 147
RGB Percent	2%, 24%, 58%
CMY	0.9804, 0.7646, 0.4238
CMYK	0.97, 0.59, 0.00, 0.42
HSL	217°, 93%, 30%
HSV	217°, 97%, 58%
XYZ	6.9397, 5.3704, 28.2423
YIQ	53.4730, -60.7070, 15.3970

Conversions

Conversions Part 2

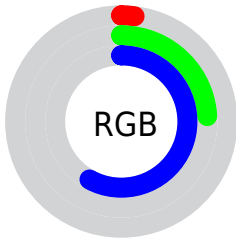
Format	Color
R _Y B	5, 45, 147
Decimal	343187
CIE Lab	27.77, 20.34, -52.09
CIE LCh	28, 55.921, 291.326
Yxy	5.3704, 0.1711, 0.1324
Android (android.graphics.Color)	4278533267 (0xFF053C93)
YUV	53.4730, 46.1088, -42.5108
Hunter-Lab	23.1742, 12.8987, -56.0346

Details

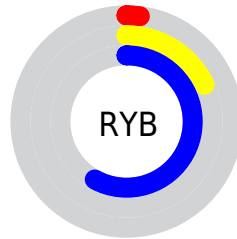
The YIQ color **53.4730, -60.7070, 15.3970** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **98.5270, 60.7070, -15.3970**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.2520, -43.6070, 24.8810**, and **22.5700, -35.9950, 19.0850** is the 20% darker color. If you saturate the color by 10%, you get **50.2170, -62.8620, 15.9060**, and if you desaturate by 10%, it is **63.2410, -54.2420, 13.8700**.

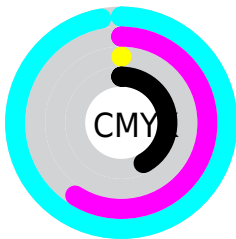
Distribution



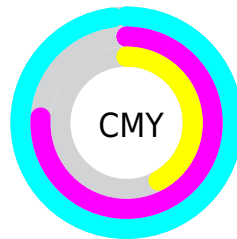
- Red (2%)
- Green (24%)
- Blue (58%)



- Red (2%)
- Yellow (18%)
- Blue (58%)



- Cyan (97%)
- Magenta (59%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (76%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.4730, -60.7070, 15.3970 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 53.4730, -60.7070, 15.3970 by changing the saturation by 10% instead.

■ 53.4730, -60.7070,
15.3970

■ 53.4730, -60.7070,
15.3970

■ 255.0000, -0.0000,
-0.0000

■ 36.6870, -49.5660,
17.2340

■ 111.2520,
-43.6070, 24.8810

■ 22.5700, -35.9950,
19.0850

■ 137.7900,
-42.1860, 26.6620

■ 8.0940, -22.7910,
22.0810

■ 164.5730,
-40.0770, 26.9870

■ 7.7060, -16.1870,
12.5250

■ 189.0930,
-30.2180, 19.0140

■ 3.5510, -8.6210,
7.5630

■ 213.6130,
-20.3590, 11.0410

■ 0.0000, 0.0000,
0.0000

■ 238.7200,

-10.7750, 2.5450

■ 53.4730, -60.7070,
15.3970

■ 53.4730, -60.7070,
15.3970

■ 50.2170, -62.8620,
15.9060

■ 63.2410, -54.2420,
13.8700

■ 72.7100, -48.3730,
12.1310

■ 82.4780, -41.9080,
10.6040

■ 92.2460, -35.4430,
9.0770

■ 101.7150,
-29.5740, 7.3380

■ 111.4830,
-23.1090, 5.8110

■ 121.2510,
-16.6440, 4.2840

■ 131.0190,
-10.1790, 2.7570

■ 140.4880, -4.3100,
1.0180

Harmonies

Analogous

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



61.3530, -69.4170, 8.0470



53.4730, -60.7070, 15.3970



64.4350, 13.5180, 41.3740

Triad

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



53.4730, -60.7070, 15.3970



57.8980, 61.9410, 6.3010



53.9480, -38.9210, -27.0250

Complementary

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



53.4730, -60.7070, 15.3970



98.5270, 60.7070, -15.3970

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.



46.3730, -21.7250, -41.3170



53.4730, -60.7070, 15.3970



62.1410, 38.6070, -11.3530

Square

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



53.4730, -60.7070, 15.3970



45.2950, 69.4540, 40.8620



57.8120, 11.1920, -26.6320



59.6650, -53.6410, -13.5530

Rectangle

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



53.4730, -60.7070, 15.3970



51.3250, 43.5470, 53.3310



57.8120, 11.1920, -26.6320



52.2380, -34.1060, -31.6900

Sweetspot

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



53.4730, -60.7070, 15.3970



154.5970, -23.4300, 6.1220



98.0440, -66.3350, -47.8310



74.5070, -14.4890, 3.7750



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



53.4730, -60.7070, 15.3970



65.2120, -81.6610, 20.6990



25.3740, -37.2380, 47.1300



68.9720, -2.7970, 1.1310



46.8430, -58.8730, 15.1990



3.4880, -4.3100, 1.0180

Inverse Universe

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



53.7280, 66.9770, 47.2090



65.5450, 90.0820, 63.5060



126.6260, 37.2380, -47.1300



69.3210, 3.5300, 2.1060



47.3040, 65.2350, 45.7390



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 53.4730, -60.7070, 15.3970 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



This preview shows how the YIQ color 53.4730, -60.7070, 15.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

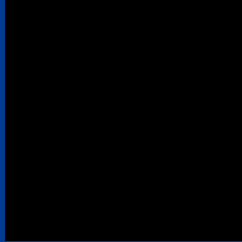
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.4730, -60.7070, 15.3970

Background



This preview shows how black text looks on a background with the YIQ color 53.4730, -60.7070, 15.3970.



This preview shows how white text looks on a background with the YIQ color 53.4730, -60.7070,

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

53.4730, -60.7070, 15.3970

Protanopia

52.2570, -60.3390, 8.7250

Deuteranopia

53.0260, -55.6150, 0.2010



Tritanopia

51.7430, -45.1130, -13.9210

Trichromacy



Original Color

53.4730, -60.7070, 15.3970

Protanomaly

52.8380, -60.4770, 11.2270

Deuteranomaly

53.2310, -57.4500, 5.9260

Tritanomaly

52.2560, -50.5710, -3.1070

Monochromacy



Original Color

53.4730, -60.7070, 15.3970

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.5540, -21.8710, 5.4010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.4730, -60.7070, 15.3970 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(5, 60, 147)` looks like.

```
.text, #text, p{  
    color:rgb(5, 60, 147)  
}
```

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(5, 60, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 60, 147) }
```

Border

The CSS property to change the border of an element to YIQ 53.4730, -60.7070, 15.3970 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(5, 60, 147) }
```


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

```
.border{ border-color:rgb(5, 60, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 60, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 60, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 60, 147);  
box-shadow:4px 4px 4px 4px rgb(5, 60, 147)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.4730, -60.7070, 15.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 60, 147) }
```

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

```
.background{ background-color: rgb(5, 60,  
147) }
```

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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