

Converting Colors

YIQ(60.6770, -69.9690, 18.0550)

Have a look what the booklet for
YIQ(60.6770, -69.9690, 18.0550)
contains.

YIQ(60.6770, -69.9690, 18.0550) 3

***Conversions* 4**

***Details* 6**

***Harmonies* 12**

***Previews* 24**

***Color Blindness Simulation* 28**

***CSS Examples* 31**

Color

**YIQ(60.6770, -69.9690,
18.0550)**

Conversions

Conversions Part 1	
Format	Color
Hex	0544A9
RGB	5, 68, 169
RGB Percent	2%, 27%, 66%
CMY	0.9804, 0.7332, 0.3376
CMYK	0.97, 0.60, 0.00, 0.34
HSL	217°, 94%, 34%
HSV	217°, 97%, 66%
XYZ	9.2840, 7.0308, 38.3592
YIQ	60.6770, -69.9690, 18.0550

Conversions

Conversions Part 2

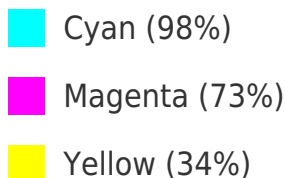
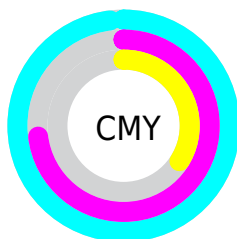
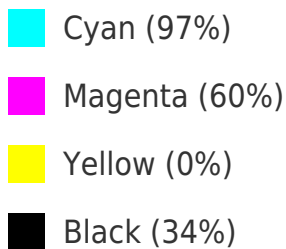
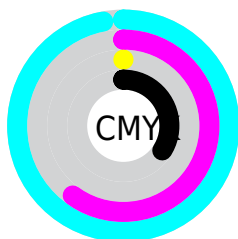
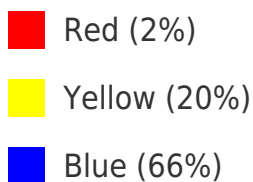
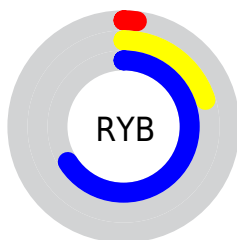
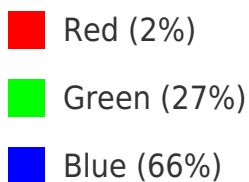
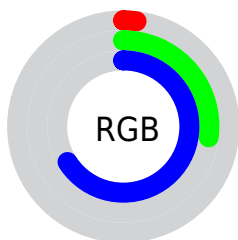
Format	Color
RYB	5, 51, 169
Decimal	345257
CIELab	31.88, 23.90, -58.71
CIELCh	32, 63.387, 292.154
Yxy	7.0308, 0.1698, 0.1286
Android (android.graphics.Color)	4278535337 (0xFF0544A9)
YUV	60.6770, 53.4032, -48.8287
Hunter-Lab	26.5156, 16.0963, -67.2119

Details

The YIQ color **60.6770, -69.9690, 18.0550** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **113.3230, 69.9690, -18.0550**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.3640, -49.6140, 29.1220**, and **29.0730, -44.6610, 21.9550** is the 20% darker color. If you saturate the color by 10%, you get **57.4210, -72.1240, 18.5640**, and if you desaturate by 10%, it is **71.6300, -62.5870, 16.4290**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YIQ color 60.6770, -69.9690, 18.0550 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 60.6770, -69.9690, 18.0550 by changing the saturation by 10% instead.


 60.6770, -69.9690,
18.0550


 60.6770, -69.9690,
18.0550


 255.0000, -0.0000,
-0.0000


 43.1900, -58.2320,
20.1040


 120.3640,
-49.6140, 29.1220


 29.0730, -44.6610,
21.9550


 147.9020,
-48.1930, 30.9030

 10.8470, -29.1650,
27.4670


 172.2480,
-37.7840, 23.9760

 11.6330, -23.1110,
16.8650

 197.0670,
-27.3290, 16.2150

 6.6630, -14.6280,
11.8040

 222.4730,
-17.1490, 7.9310

 2.9810, -7.0160,
6.0080

 248.4660, -7.2440,

 0.0000, 0.0000,

-0.8760

0.0000

■ 60.6770, -69.9690,
18.0550

■ 60.6770, -69.9690,
18.0550

■ 57.4210, -72.1240,
18.5640

■ 71.6300, -62.5870,
16.4290

■ 83.1700, -55.4800,
14.2800

■ 94.1230, -48.0980,
12.6540

■ 105.6630,
-40.9910, 10.5050

■ 116.3170,
-34.2050, 8.6670

■ 127.2700,
-26.8230, 7.0410

■ 138.8100,
-19.7160, 4.8920

■ 149.7630,
-12.3340, 3.2660

■ 161.3030, -5.2270,
1.1170

Harmonies

Analogous

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



70.4320, -79.8250, 9.4470



60.6770, -69.9690, 18.0550



72.3310, 17.0470, 49.0070

Triad

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



60.6770, -69.9690, 18.0550



65.9160, 70.6980, 7.2900



62.0180, -45.1100, -30.5020

Complementary

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



60.6770, -69.9690, 18.0550



113.3230, 69.9690, -18.0550

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.



53.4170, -25.0250, -47.5930



60.6770, -69.9690, 18.0550



70.7130, 42.6880, -13.7280

Square

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



60.6770, -69.9690, 18.0550



51.6170, 80.4110, 46.0350



65.7640, 11.1470, -31.3250



68.5330, -62.0770, -14.8530

Rectangle

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



60.6770, -69.9690, 18.0550



55.8520, 52.6690, 64.2290



65.7640, 11.1470, -31.3250



59.3790, -39.0570, -35.5770

Sweetspot

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



60.6770, -69.9690, 18.0550



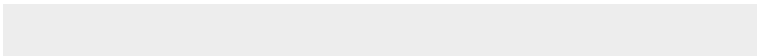
177.2700, -26.8230, 7.0410



112.4400, -76.5580, -55.2940



84.2510, -16.6440, 4.2840



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



60.6770, -69.9690, 18.0550



74.2740, -93.3990, 24.1770



28.4800, -43.1080, 54.3960



78.6730, -3.3930, 0.9190



50.3310, -63.1830, 16.2170



6.9760, -8.6200, 2.0360

Inverse Universe

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



61.2180, 77.5210, 54.3610



75.0570, 103.5600, 72.5520



145.5200, 43.1080, -54.3960



78.7340, 3.8050, 2.6290



50.7500, 69.9110, 49.1030



6.8920, 9.3520, 6.7280

Previews

White Background



This preview shows how the YIQ color 60.6770, -69.9690, 18.0550 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 60.6770, -69.9690, 18.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

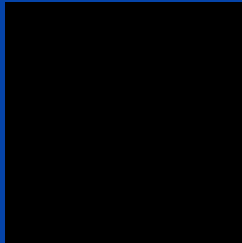
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.6770, -69.9690, 18.0550

Background



This preview shows how black text looks on a background with the YIQ color 60.6770, -69.9690, 18.0550.



This preview shows how white text looks on a background with the YIQ color 60.6770, -69.9690,

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

60.6770, -69.9690, 18.0550

Protanopia

59.7060, -68.9130, 9.9270

Deuteranopia

60.1330, -63.2260, 0.4700



Tritanopia

58.7530, -51.0730, -16.0410

Trichromacy



Original Color

60.6770, -69.9690, 18.0550

Protanomaly

60.4010, -69.3720, 12.7400

Deuteranomaly

60.5660, -65.7030, 6.8170

Tritanomaly

59.7220, -57.8150, -3.9830

Monochromacy



Original Color

60.6770, -69.9690, 18.0550

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.2270, -25.2640, 6.3200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.6770, -69.9690, 18.0550 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, 68, 169)` looks like.

```
.text, #text, p{  
    color:rgb(5, 68, 169)  
}
```

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, 68, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 68, 169) }
```

Border

The CSS property to change the border of an element to YIQ 60.6770, -69.9690, 18.0550 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, 68, 169) }
```

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

```
.border{ border-color:rgb(5, 68, 169) }
```

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

Here you see how a box with a 4 pixel rgb(5, 68, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 68, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 68, 169);  
box-shadow:4px 4px 4px 4px rgb(5, 68, 169)  
}
```

Background

The CSS property to change the background color of an element to YIQ 60.6770, -69.9690, 18.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 68, 169) }
```

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

```
.background{ background-color: rgb(5, 68,  
169) }
```

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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