

Converting Colors

YIQ(54.2750, -68.7770, 18.4790)

Have a look what the booklet for
YIQ(54.2750, -68.7770, 18.4790)
contains.

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Color

**YIQ(54.2750, -68.7770,
18.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	003DA2
RGB	0, 61, 162
RGB Percent	0%, 24%, 64%
CMY	0.9999, 0.7607, 0.3651
CMYK	1.00, 0.62, 0.00, 0.37
HSL	217°, 100%, 32%
HSV	217°, 100%, 63%
XYZ	8.1838, 5.9457, 34.8570
YIQ	54.2750, -68.7770, 18.4790

Conversions

Conversions Part 2

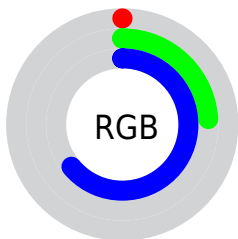
Format	Color
RYB	0, 44, 162
Decimal	15778
CIELab	29.28, 25.64, -58.76
CIELCh	29, 64.106, 293.572
Yxy	5.9457, 0.1671, 0.1214
Android (android.graphics.Color)	4278205858 (0xFF003DA2)
YUV	54.2750, 53.1084, -47.5992
Hunter-Lab	24.3838, 17.2369, -67.6872

Details

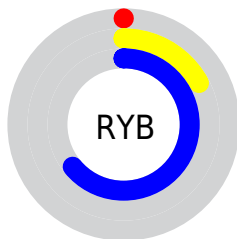
The YIQ color **54.2750, -68.7770, 18.4790** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **107.7250, 68.7770, -18.4790**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **114.5600, -47.2300, 29.9700**, and **24.7530, -40.7640, 22.9160** is the 20% darker color. If you saturate the color by 10%, you get **54.2750, -68.7770, 18.4790**, and if you desaturate by 10%, it is **64.9290, -61.9910, 16.6410**.

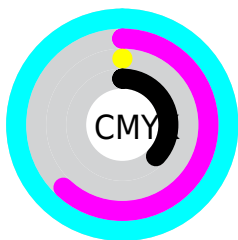
Distribution



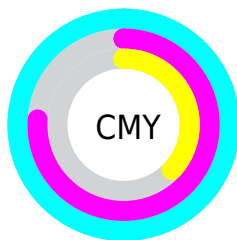
- Red (0%)
- Green (24%)
- Blue (64%)



- Red (0%)
- Yellow (17%)
- Blue (64%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (76%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.2750, -68.7770, 18.4790 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 54.2750, -68.7770, 18.4790 by changing the saturation by 10% instead.

■ 54.2750, -68.7770,
18.4790

■ 54.2750, -68.7770,
18.4790

■ 255.0000, -0.0000,
-0.0000

■ 38.8700, -54.3350,
21.0650

■ 114.5600,
-47.2300, 29.9700

■ 24.7530, -40.7640,
22.9160

■ 141.5110,
-45.5340, 32.2740

■ 9.5760, -26.9640,
26.1240

■ 166.6550,
-37.3720, 27.5240

■ 10.3620, -20.9100,
15.5220

■ 191.1750,
-27.5130, 19.5510

■ 5.3920, -12.4270,
10.4610

■ 215.9940,
-17.0580, 11.7900

■ 2.1830, -4.7690,
3.8310

■ 241.9870, -7.1530,

■ 0.0000, 0.0000,

2.9830

0.0000

■ 54.2750, -68.7770,
18.4790

■ 64.9290, -61.9910,
16.6410

■ 75.5830, -55.2050,
14.8030

■ 86.5360, -47.8230,
13.1770

■ 97.1900, -41.0370,
11.3390

■ 107.8440,
-34.2510, 9.5010

■ 119.0850,
-27.7400, 7.1400

■ 129.7390,
-20.9540, 5.3020

■ 140.6920,
-13.5720, 3.6760

■ 151.3460, -6.7860,
1.8380

Harmonies

Analogous

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



65.7530, -76.2950, 11.5530



54.2750, -68.7770, 18.4790



63.7660, 20.2560, 51.4240

Triad

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



54.2750, -68.7770, 18.4790



60.2900, 66.7090, 7.9970



58.0400, -42.1760, -28.6080

Complementary

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



54.2750, -68.7770, 18.4790



107.7250, 68.7770, -18.4790

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.



49.8950, -23.3750, -44.4550



54.2750, -68.7770, 18.4790



65.6740, 38.4240, -13.5440

Square

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



54.2750, -68.7770, 18.4790



48.3130, 78.2110, 41.8510



59.8390, 6.5620, -30.8300



64.5550, -59.1430, -12.9590

Rectangle

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



54.2750, -68.7770, 18.4790



53.3310, 52.5780, 60.3700



59.8390, 6.5620, -30.8300



55.5150, -36.4440, -33.3720

Sweetspot

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



54.2750, -68.7770, 18.4790



169.3840, -27.1440, 7.3520



106.4940, -76.6500, -53.6260



81.5500, -16.0480, 4.4960



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



54.2750, -68.7770, 18.4790



71.1280, -90.0520, 24.0920



24.1490, -40.6780, 54.4100



76.3740, -3.9890, 0.7070



48.8150, -61.6700, 16.3300



6.1610, -7.7030, 1.9370

Inverse Universe

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



55.3920, 76.9710, 53.3150



72.5080, 100.6720, 69.8240



137.8510, 40.6780, -54.4100



76.1470, 4.0800, 3.1520



49.6250, 68.7650, 47.8450



6.1800, 8.4810, 5.9930

Previews

White Background



This preview shows how the YIQ color 54.2750, -68.7770, 18.4790 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 54.2750, -68.7770, 18.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

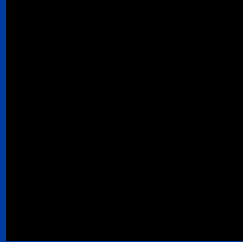
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.2750, -68.7770, 18.4790

Background



This preview shows how black text looks on a background with the YIQ color 54.2750, -68.7770, 18.4790.



This preview shows how white text looks on a background with the YIQ color 54.2750, -68.7770,

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

54.2750, -68.7770, 18.4790

Protanopia

55.4030, -63.6860, 8.8100

Deuteranopia

55.4710, -58.3660, 0.4980



Tritanopia

54.4330, -47.1760, -15.0800

Trichromacy



Original Color

54.2750, -68.7770, 18.4790

Protanomaly

55.1410, -65.7040, 12.3440

Deuteranomaly

54.8330, -62.0810, 7.2550

Tritanomaly

54.2170, -54.8350, -2.9230

Monochromacy



Original Color

54.2750, -68.7770, 18.4790

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.2270, -25.2640, 6.3200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.2750, -68.7770, 18.4790 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(0, 61, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 162)  
}
```

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(0, 61, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 162) }
```

Border

The CSS property to change the border of an element to YIQ 54.2750, -68.7770, 18.4790 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(0, 61, 162) }
```


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

```
.border{ border-color:rgb(0, 61, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 61, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 61, 162)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.2750, -68.7770, 18.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 162) }
```

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

```
.background{ background-color: rgb(0, 61,  
162) }
```

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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