

Converting Colors

YIQ(102.2490, -39.5250,
16.9790)

Have a look what the booklet for
YIQ(102.2490, -39.5250, 16.9790)
contains.

YIQ(102.2490, -39.5250, 16.9790)	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(102.2490, -39.5250,
16.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	4B66AF
RGB	75, 102, 175
RGB Percent	29%, 40%, 69%
CMY	0.7059, 0.5999, 0.3139
CMYK	0.57, 0.42, 0.00, 0.31
HSL	224°, 40%, 49%
HSV	224°, 57%, 69%
XYZ	15.3863, 14.0937, 42.4388
YIQ	102.2490, -39.5250, 16.9790

Conversions

Conversions Part 2

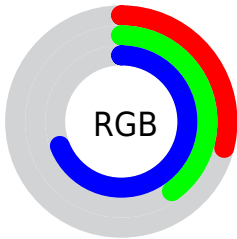
Format	Color
R_{YB}	75, 96, 175
Decimal	4941487
CIE _{Lab}	44.37, 12.30, -42.01
CIE _{LCh}	44, 43.776, 286.317
Yxy	14.0937, 0.2139, 0.1960
Android (android.graphics.Color)	4283131567 (0xFF4B66AF)
YUV	102.2490, 35.8662, -23.8974
Hunter-Lab	37.5416, 7.4600, -40.7453

Details

The YIQ color **102.2490, -39.5250, 16.9790** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.7510, 39.5250, -16.9790**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.3140, -38.1500, 19.5940**, and **47.0790, -53.9660, 8.8660** is the 20% darker color. If you saturate the color by 10%, you get **89.5350, -46.0820, 20.1740**, and if you desaturate by 10%, it is **114.9630, -32.9680, 13.7840**.

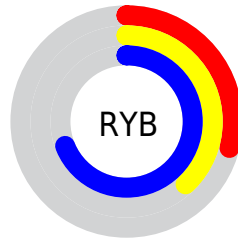
Distribution



Red (29%)

Green (40%)

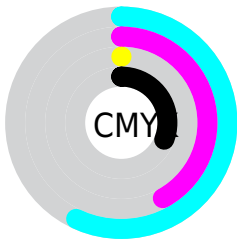
Blue (69%)



Red (29%)

Yellow (38%)

Blue (69%)

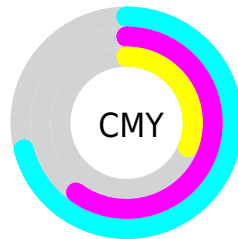


Cyan (57%)

Magenta (42%)

Yellow (0%)

Black (31%)



Cyan (71%)

Magenta (60%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.2490, -39.5250, 16.9790 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 102.2490, -39.5250, 16.9790 by changing the saturation by 10% instead.

■ 102.2490,
-39.5250, 16.9790

■ 102.2490,
-39.5250, 16.9790

■ 255.0000, -0.0000,
-0.0000

■ 76.1130, -42.1380,
14.7740

■ 155.3140,
-38.1500, 19.5940

■ 47.0790, -53.9660,
8.8660

■ 181.6840,
-36.3160, 19.3960

■ 31.6030, -40.7620,
11.8620

■ 206.4920,
-27.3280, 10.6880

■ 16.4260, -26.9620,
15.0700

■ 231.5990,
-17.7440, 2.1920

■ 7.9340, -16.8290,
13.1470

■ 252.3090, -5.3640,
-1.9080

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,

0.0000

■ 102.2490,
-39.5250, 16.9790

■ 102.2490,
-39.5250, 16.9790

■ 89.5350, -46.0820,
20.1740

■ 114.9630,
-32.9680, 13.7840

■ 76.5220, -53.2350,
23.1570

■ 127.9760,
-25.8150, 10.8010

■ 64.3950, -60.0670,
25.8290

■ 140.1030,
-18.9830, 8.1290

■ 51.3820, -67.2200,
28.8120

■ 153.1160,
-11.8300, 5.1460

■ 47.5390, -69.1000,
29.8440

■ 165.8300, -5.2730,
1.9510

■ 178.8430, 1.8800,
-1.0320

■ 190.9700, 8.7120,
-3.7040

■ 203.9830, 15.8650,
-6.6870

■ 216.6970, 22.4220,
-9.8820

Harmonies

Analogous

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



86.8680, -87.5250, -5.1970



102.2490, -39.5250, 16.9790



108.3210, 4.6710, 30.9990

Triad

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



102.2490, -39.5250, 16.9790



103.3150, 56.3930, 7.7290



81.4180, -61.1560, -37.0600

Complementary

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



102.2490, -39.5250, 16.9790



147.7510, 39.5250, -16.9790

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.



93.4440, -11.3190, -31.6630



102.2490, -39.5250, 16.9790



101.6210, 45.9430, -12.1450

Square

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



102.2490, -39.5250, 16.9790



103.4960, 55.1060, 25.5540



98.6840, 23.2960, -25.7280



86.3370, -73.6290, -25.7650

Rectangle

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



102.2490, -39.5250, 16.9790



106.9340, 27.8700, 34.5740



98.6840, 23.2960, -25.7280



80.9690, -52.5820, -38.2620

Sweetspot

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



102.2490, -39.5250, 16.9790



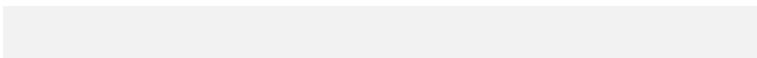
198.9030, -15.5440, 6.3760



141.9080, -50.6120, -29.9080



98.1440, -9.0330, 4.0150



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



102.2490, -39.5250, 16.9790



113.1390, -62.2220, 26.3380



92.9780, -18.9880, 35.7640



80.2000, -3.4390, 1.7530



41.1670, -59.4250, 25.2070



6.1440, -9.0330, 4.0150

Inverse Universe

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



107.9780, 50.9330, 29.5970



121.8450, 79.7690, 46.6570



157.0220, 18.9880, -35.7640



80.9190, 4.7220, 2.5300



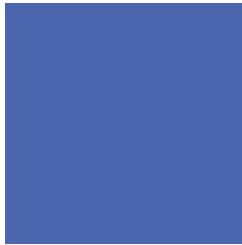
49.5240, 76.2390, 44.5510



7.5610, 11.7820, 6.7420

Previews

White Background



This preview shows how the YIQ color 102.2490, -39.5250, 16.9790 looks on a white background.

Color Contrast Check

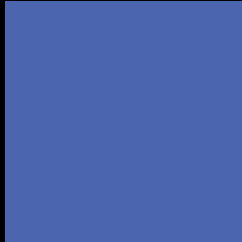
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 102.2490, -39.5250, 16.9790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 102.2490, -39.5250, 16.9790

Background



This preview shows how black text looks on a background with the YIQ color 102.2490, -39.5250, 16.9790.



This preview shows how white text looks on a background with the YIQ color 102.2490, -39.5250,

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

102.2490, -39.5250, 16.9790

Protanopia

101.9500, -40.1210, 16.7670

Deuteranopia

98.8130, -50.1610, 11.4950



Tritanopia

96.4990, -38.3740, -9.3980

Trichromacy



Original Color

102.2490, -39.5250, 16.9790

Protanomaly

101.9500, -40.1210, 16.7670

Deuteranomaly

100.0200, -46.3100, 13.2900

Tritanomaly

98.7090, -38.6050, 0.2990

Monochromacy



Original Color

102.2490, -39.5250, 16.9790

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.0880, -14.6270, 6.2770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.2490, -39.5250, 16.9790 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(75, 102, 175)` looks like.

```
.text, #text, p{  
    color:rgb(75, 102, 175)  
}
```

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(75, 102, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 102, 175) }
```

Border

The CSS property to change the border of an element to YIQ 102.2490, -39.5250, 16.9790 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(75, 102, 175) }
```


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

```
.border{ border-color:rgb(75, 102, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 102, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 102, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 102, 175);  
box-shadow:4px 4px 4px 4px rgb(75, 102,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 102.2490, -39.5250, 16.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 102, 175) }
```

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

```
.background{ background-color: rgb(75, 102,  
175) }
```

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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