

Converting Colors

YIQ(62.4890, -66.8040, 10.2520)

Have a look what the booklet for
YIQ(62.4890, -66.8040, 10.2520)
contains.

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Color

**YIQ(62.4890, -66.8040,
10.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	054A9A
RGB	5, 74, 154
RGB Percent	2%, 29%, 60%
CMY	0.9804, 0.7097, 0.3964
CMYK	0.97, 0.52, 0.00, 0.40
HSL	212°, 94%, 31%
HSV	212°, 97%, 60%
XYZ	8.3387, 7.2639, 31.4980
YIQ	62.4890, -66.8040, 10.2520

Conversions

Conversions Part 2

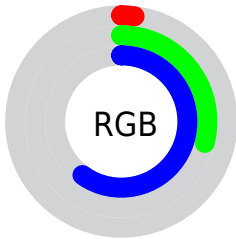
Format	Color
RYB	5, 52, 154
Decimal	346778
CIELab	32.40, 13.55, -48.82
CIELCh	32, 50.670, 285.512
Yxy	7.2639, 0.1770, 0.1542
Android (android.graphics.Color)	4278536858 (0xFF054A9A)
YUV	62.4890, 45.1149, -50.4179
Hunter-Lab	26.9515, 8.0623, -50.4256

Details

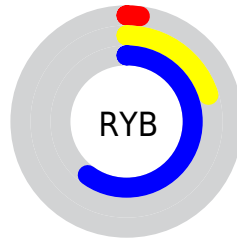
The YIQ color $[62.4890, -66.8040, 10.2520]$ is a dark color, and the websafe version is hex $0066CC$. A complement of this color would be $[96.5110, 66.8040, -10.2520]$, and the grayscale version is $[62.0000, -0.0000, -0.0000]$.

A 20% lighter version of the original color is $[121.1540, -49.3830, 19.4250]$, and $[30.4120, -41.5420, 14.9860]$ is the 20% darker color. If you saturate the color by 10%, you get $[59.2330, -68.9590, 10.7610]$, and if you desaturate by 10%, it is $[71.6700, -60.0640, 9.2480]$.

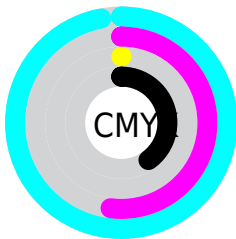
Distribution



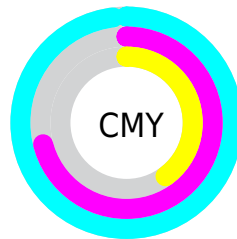
- Red (2%)
- Green (29%)
- Blue (60%)



- Red (2%)
- Yellow (20%)
- Blue (60%)



- Cyan (97%)
- Magenta (52%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (71%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.4890, -66.8040, 10.2520 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 62.4890, -66.8040, 10.2520 by changing the saturation by 10% instead.

■ 62.4890, -66.8040,
10.2520

■ 62.4890, -66.8040,
10.2520

■ 255.0000, -0.0000,
-0.0000

■ 45.0020, -55.0670,
12.3010

■ 121.1540,
-49.3830, 19.4250

■ 30.4120, -41.5420,
14.9860

■ 148.3930,
-48.5580, 20.9940

■ 13.4740, -26.9170,
19.7630

■ 174.2640,
-43.8810, 18.8310

■ 9.0910, -18.7090,
14.1790

■ 198.7840,
-34.0220, 10.8580

■ 4.7080, -10.5010,
8.5950

■ 224.1900,
-23.8420, 2.5740

■ 0.3420, -0.9630,
0.9330

■ 248.1230,

■ 0.0000, 0.0000,

-13.7080, -4.8760

0.0000

■ 62.4890, -66.8040,
10.2520

■ 62.4890, -66.8040,
10.2520

■ 59.2330, -68.9590,
10.7610

■ 71.6700, -60.0640,
9.2480

■ 81.7370, -53.0030,
7.9330

■ 90.9180, -46.2630,
6.9290

■ 100.3980,
-38.9270, 6.1370

■ 109.5790,
-32.1870, 5.1330

■ 119.3470,
-25.7220, 3.6060

■ 128.8270,
-18.3860, 2.8140

■ 138.0080,
-11.6460, 1.8100

■ 147.4880, -4.3100,
1.0180

Harmonies

Analogous

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



68.0380, -73.0840, 2.9160



62.4890, -66.8040, 10.2520



78.2440, 3.5700, 34.4340

Triad

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



62.4890, -66.8040, 10.2520



70.4080, 60.5650, 9.2130



60.8610, -43.2300, -31.5340

Complementary

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



62.4890, -66.8040, 10.2520



96.5110, 66.8040, -10.2520

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.



59.7760, -15.4900, -38.6740



62.4890, -66.8040, 10.2520



71.9200, 46.5390, -11.9330

Square

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



62.4890, -66.8040, 10.2520



67.1750, 60.7440, 33.5120



69.6730, 21.8290, -26.6750



66.1220, -56.6660, -19.3060

Rectangle

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



62.4890, -66.8040, 10.2520



74.5910, 30.5740, 40.6380



69.6730, 21.8290, -26.6750



58.6780, -38.4610, -35.3650

Sweetspot

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



62.4890, -66.8040, 10.2520



163.4610, -26.0430, 3.9170



101.4690, -66.3340, -53.3580



78.2680, -15.3140, 2.2060



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



62.4890, -66.8040, 10.2520



76.6900, -89.1790, 13.7730



23.4810, -44.8490, 47.3990



71.6730, -3.3930, 0.9190



54.1150, -62.8150, 9.5450



5.0040, -5.8230, 0.9050

Inverse Universe

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



57.4170, 66.6550, 53.0470



69.9890, 89.0720, 70.8000



135.5190, 44.8490, -47.3990



71.7340, 3.8050, 2.6290



49.2700, 62.5750, 49.8950



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 62.4890, -66.8040, 10.2520 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 62.4890, -66.8040, 10.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

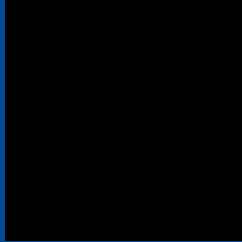
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.4890, -66.8040, 10.2520

Background



This preview shows how black text looks on a background with the YIQ color 62.4890, -66.8040, 10.2520.



This preview shows how white text looks on a background with the YIQ color 62.4890, -66.8040,

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

62.4890, -66.8040, 10.2520

Protanopia

67.1590, -56.9470, 13.3330

Tritanopia

60.1550, -52.2650, -16.4650

Trichromacy



Original Color

62.4890, -66.8040, 10.2520

Protanomaly

65.3650, -60.5230, 12.0610

Tritanomaly

61.0270, -57.3560, -6.7960

Monochromacy



Original Color

62.4890, -66.8040, 10.2520

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8310, -24.2090, 3.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.4890, -66.8040, 10.2520 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, 74, 154)` looks like.

```
.text, #text, p{  
    color:rgb(5, 74, 154)  
}
```

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, 74, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 74, 154) }
```

Border

The CSS property to change the border of an element to YIQ 62.4890, -66.8040, 10.2520 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, 74, 154) }
```

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

```
.border{ border-color:rgb(5, 74, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 74, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 74, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 74, 154);  
box-shadow:4px 4px 4px 4px rgb(5, 74, 154)  
}
```


Background

The CSS property to change the background color of an element to YIQ 62.4890, -66.8040, 10.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 74, 154) }
```

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

```
.background{ background-color: rgb(5, 74,  
154) }
```

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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