

Converting Colors

YIQ(35.0490, -61.3080, 42.8200)

Have a look what the booklet for
YIQ(35.0490, -61.3080, 42.8200)
contains.

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Color

**YIQ(35.0490, -61.3080,
42.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	0318B0
RGB	3, 24, 176
RGB Percent	1%, 9%, 69%
CMY	0.9881, 0.9059, 0.3102
CMYK	0.98, 0.86, 0.00, 0.31
HSL	233°, 97%, 35%
HSV	233°, 98%, 69%
XYZ	8.1919, 3.8040, 41.3290
YIQ	35.0490, -61.3080, 42.8200

Conversions

Conversions Part 2

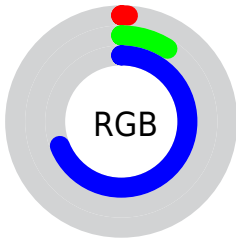
Format	Color
R _{YB}	3, 22, 176
Decimal	202928
CIE Lab	23.01, 52.70, -77.55
CIE LCh	23, 93.760, 304.201
Yxy	3.8040, 0.1536, 0.0713
Android (android.graphics.Color)	4278393008 (0xFF0318B0)
YUV	35.0490, 69.4888, -28.1070
Hunter-Lab	19.5039, 40.8403, -111.9835

Details

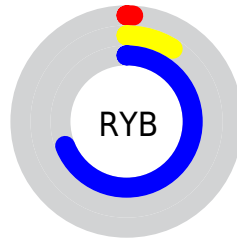
The YIQ color **35.0490, -61.3080, 42.8200** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **143.9510, 61.3080, -42.8200**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4160, -37.0560, 54.8480**, and **13.9080, -39.1620, 37.9420** is the 20% darker color. If you saturate the color by 10%, you get **32.3910, -62.2710, 43.7530**, and if you desaturate by 10%, it is **49.2360, -54.7050, 38.7910**.

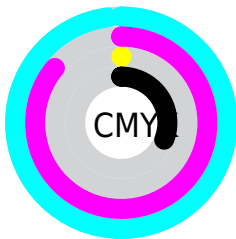
Distribution



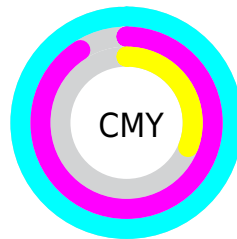
- Red (1%)
- Green (9%)
- Blue (69%)



- Red (1%)
- Yellow (9%)
- Blue (69%)



- Cyan (98%)
- Magenta (86%)
- Yellow (0%)
- Black (31%)



- Cyan (99%)
- Magenta (91%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.0490, -61.3080, 42.8200 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 35.0490, -61.3080, 42.8200 by changing the saturation by 10% instead.

■ 35.0490, -61.3080,
42.8200

■ 35.0490, -61.3080,
42.8200

■ 255.0000, -0.0000,
-0.0000

■ 16.8720, -47.5080,
46.0280

■ 98.4160, -37.0560,
54.8480

■ 13.9080, -39.1620,
37.9420

■ 125.1670,
-31.9210, 55.3990

■ 10.9440, -30.8160,
29.8560

■ 149.6980,
-20.5950, 48.3730

■ 12.7900, -24.9910,
17.8970

■ 173.9300, -9.8650,
41.1350

■ 7.7060, -16.1870,
12.5250

■ 199.0480, 1.1860,
33.5860

■ 3.5510, -8.6210,
7.5630

■ 224.7530, 11.9620,

■ 0.0000, 0.0000,

25.5140

0.0000

■ 242.6730, 5.7750,
10.9830

■ 35.0490, -61.3080,
42.8200

■ 35.0490, -61.3080,
42.8200

■ 32.3910, -62.2710,
43.7530

■ 49.2360, -54.7050,
38.7910

■ 63.7110, -48.9730,
34.0270

■ 77.8980, -42.3700,
29.9980

■ 92.3730, -36.6380,
25.2340

■ 106.5600,
-30.0350, 21.2050

■ 121.3340,
-23.7070, 16.6530

■ 135.2220,
-17.7000, 12.4120

■ 149.9960,
-11.3720, 7.8600

■ 163.8840, -5.3650,
3.6190

Harmonies

Analogous

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



62.3570, -83.2670, 27.7810



35.0490, -61.3080, 42.8200



54.7140, 44.3700, 65.9540

Triad

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



35.0490, -61.3080, 42.8200



41.4180, 63.7730, 17.1570



51.9080, -41.4440, -19.8440

Complementary

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



35.0490, -61.3080, 42.8200



143.9510, 61.3080, -42.8200

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.



43.4380, -20.3500, -38.7020



35.0490, -61.3080, 42.8200



51.3990, 20.0850, -17.0910

Square

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



35.0490, -61.3080, 42.8200



44.8500, 89.4000, 31.8000



40.5030, -18.9750, -36.0870



61.1760, -64.7850, 1.1910

Rectangle

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



35.0490, -61.3080, 42.8200



56.0480, 72.2480, 56.3120



40.5030, -18.9750, -36.0870



48.4710, -33.1440, -27.0960

Sweetspot

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



35.0490, -61.3080, 42.8200



175.3340, -23.7070, 16.6530



121.6510, -95.7250, -43.8290



81.9080, -13.9400, 10.3480



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.



35.0490, -61.3080, 42.8200



42.6560, -81.5300, 56.8860



41.5590, -17.9850, 67.1590



79.6130, -3.1640, 2.2760



27.6660, -53.1000, 37.2360



4.3830, -8.2080, 5.5840

Inverse Universe

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



57.1210, 96.3670, 43.2070



71.9620, 128.0920, 57.4680



137.4410, 17.9850, -67.1590



80.8050, 5.0430, 2.2190



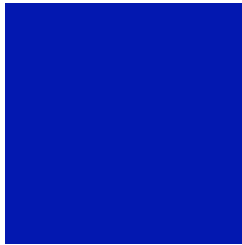
46.9020, 83.6220, 37.3980



7.2190, 12.7450, 5.8090

Previews

White Background



This preview shows how the YIQ color 35.0490, -61.3080, 42.8200 looks on a white background.

Color Contrast Check

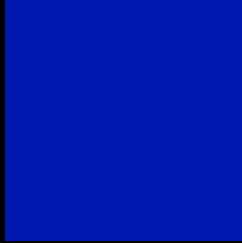
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0490, -61.3080, 42.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

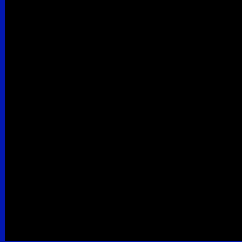
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.0490, -61.3080, 42.8200

Background



This preview shows how black text looks on a background with the YIQ color 35.0490, -61.3080, 42.8200.



This preview shows how white text looks on a background with the YIQ color 35.0490, -61.3080,

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

35.0490, -61.3080, 42.8200

Protanopia

44.6940, -51.4440, 7.2120

Tritanopia

43.8040, -37.9150, -12.2110

Trichromacy



Original Color

35.0490, -61.3080, 42.8200

Protanomaly

41.1580, -55.2060, 20.3300

Tritanomaly

40.4450, -46.3090, 7.7630

Monochromacy



Original Color

35.0490, -61.3080, 42.8200

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8780, -22.4230, 15.4090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.0490, -61.3080, 42.8200 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(3, 24, 176)` looks like.

```
.text, #text, p{  
    color:rgb(3, 24, 176)  
}
```

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(3, 24, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 24, 176) }
```

Border

The CSS property to change the border of an element to YIQ 35.0490, -61.3080, 42.8200 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(3, 24, 176) }
```

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

```
.border{ border-color:rgb(3, 24, 176) }
```

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

Here you see how a box with a 4 pixel rgb(3, 24, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 24, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 24, 176);  
box-shadow:4px 4px 4px 4px rgb(3, 24, 176)  
}
```


Background

The CSS property to change the background color of an element to YIQ 35.0490, -61.3080, 42.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 24, 176) }
```

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

```
.background{ background-color: rgb(3, 24,  
176) }
```

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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