

Converting Colors

YIQ(35.5260, -49.8900, 34.1260)

Have a look what the booklet for
YIQ(35.5260, -49.8900, 34.1260)
contains.

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Color

**YIQ(35.5260, -49.8900,
34.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	091B95
RGB	9, 27, 149
RGB Percent	4%, 11%, 58%
CMY	0.9646, 0.8941, 0.4160
CMYK	0.94, 0.82, 0.00, 0.42
HSL	232°, 89%, 31%
HSV	232°, 94%, 58%
XYZ	5.9237, 3.0099, 28.6713
YIQ	35.5260, -49.8900, 34.1260

Conversions

Conversions Part 2

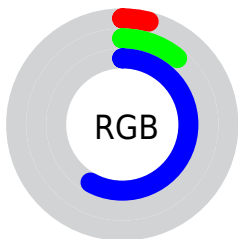
Format	Color
R_{YB}	9, 25, 149
Decimal	596885
CIE _{Lab}	20.08, 42.71, -65.98
CIE _{LCh}	20, 78.594, 302.914
Yxy	3.0099, 0.1575, 0.0800
Android (android.graphics.Color)	4278786965 (0xFF091B95)
YUV	35.5260, 55.9427, -23.2633
Hunter-Lab	17.3491, 30.5869, -85.8391

Details

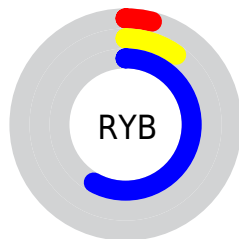
The YIQ color **35.5260, -49.8900, 34.1260** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **122.4740, 49.8900, -34.1260**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.0170, -31.9190, 44.3450**, and **11.0580, -31.1370, 30.1670** is the 20% darker color. If you saturate the color by 10%, you get **28.1390, -53.0540, 36.4020**, and if you desaturate by 10%, it is **47.6420, -44.5250, 30.5070**.

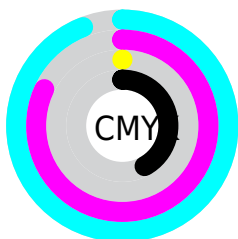
Distribution



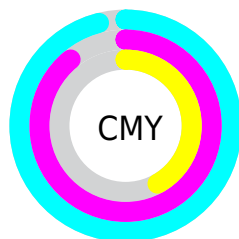
- Red (4%)
- Green (11%)
- Blue (58%)



- Red (4%)
- Yellow (10%)
- Blue (58%)



- Cyan (94%)
- Magenta (82%)
- Yellow (0%)
- Black (42%)



- Cyan (96%)
- Magenta (89%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.5260, -49.8900, 34.1260 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 35.5260, -49.8900, 34.1260 by changing the saturation by 10% instead.

■ 35.5260, -49.8900,
34.1260

■ 35.5260, -49.8900,
34.1260

■ 255.0000, -0.0000,
-0.0000

■ 16.8430, -40.5370,
35.3270

■ 93.0170, -31.9190,
44.3450

■ 11.0580, -31.1370,
30.1670

■ 119.3810,
-29.9480, 47.1720

■ 12.9040, -25.3120,
18.2080

■ 145.8220,
-26.8760, 46.5640

■ 7.8200, -16.5080,
12.8360

■ 170.0540,
-16.1460, 39.3260

■ 3.6650, -8.9420,
7.8740

■ 194.5740, -6.2870,
31.3530

■ 0.0000, 0.0000,
0.0000

■ 219.9800, 3.8930,

23.0690

241.4990, 6.3250,
12.0290

35.5260, -49.8900,
34.1260

35.5260, -49.8900,
34.1260

28.1390, -53.0540,
36.4020

47.6420, -44.5250,
30.5070

59.7580, -39.1600,
26.8880

71.8740, -33.7950,
23.2690

83.9900, -28.4300,
19.6500

95.8070, -23.6610,
15.8190

■ 107.9230,
-18.2960, 12.2000

■ 120.0390,
-12.9310, 8.5810

■ 132.1550, -7.5660,
4.9620

■ 144.2710, -2.2010,
1.3430

Harmonies

Analogous

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



53.3120, -70.1990, 22.2250



35.5260, -49.8900, 34.1260



46.0130, 35.7980, 56.1020

Triad

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



35.5260, -49.8900, 34.1260



38.7050, 55.4750, 13.3550



45.3710, -35.4380, -18.5580

Complementary

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



35.5260, -49.8900, 34.1260



122.4740, 49.8900, -34.1260

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.



38.1550, -17.8750, -33.9950



35.5260, -49.8900, 34.1260



45.5070, 19.9010, -13.7550

Square

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



35.5260, -49.8900, 34.1260



38.8700, 77.4800, 27.5600



35.2200, -16.5000, -31.3800



52.5700, -54.3310, -1.0430

Rectangle

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



35.5260, -49.8900, 34.1260



47.7750, 59.5950, 48.8350



35.2200, -16.5000, -31.3800



42.3900, -28.4220, -24.5660

Sweetspot

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



35.5260, -49.8900, 34.1260



150.2650, -19.2590, 13.1330



104.9740, -77.3410, -35.5890



70.1100, -11.6930, 8.1710



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



35.5260, -49.8900, 34.1260



36.7910, -69.1490, 47.2590



40.2090, -14.5440, 54.3520



68.3850, -2.5220, 1.6540



26.2980, -49.2480, 33.5040



1.7270, -3.4850, 2.5870

Inverse Universe

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



52.9120, 77.6620, 35.2780



60.8560, 107.5990, 48.9030



117.7910, 14.5440, -54.3520



69.2070, 3.8510, 1.7950



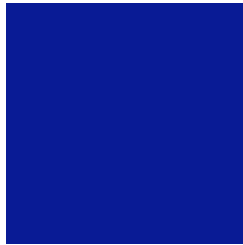
43.3140, 76.4700, 34.8540



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 35.5260, -49.8900, 34.1260 looks on a white background.

Color Contrast Check

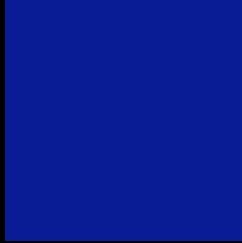
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5260, -49.8900, 34.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

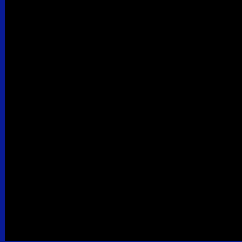
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.5260, -49.8900, 34.1260

Background



This preview shows how black text looks on a background with the YIQ color 35.5260, -49.8900, 34.1260.



This preview shows how white text looks on a background with the YIQ color 35.5260, -49.8900,

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

35.5260, -49.8900, 34.1260

Protanopia

39.6900, -45.6210, 6.3070

Deuteranopia

39.6270, -41.3100, -0.2380



Tritanopia

38.8970, -33.7430, -10.7270

Trichromacy



Original Color

35.5260, -49.8900, 34.1260

Protanomaly

37.8290, -47.0900, 16.4140

Deuteranomaly

37.8630, -44.4300, 12.2580

Tritanomaly

37.6860, -39.7980, 5.4020

Monochromacy



Original Color

35.5260, -49.8900, 34.1260

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.9230, -18.2960, 12.2000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.5260, -49.8900, 34.1260 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(9, 27, 149)` looks like.

```
.text, #text, p{  
    color:rgb(9, 27, 149)  
}
```

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(9, 27, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 27, 149) }
```

Border

The CSS property to change the border of an element to YIQ 35.5260, -49.8900, 34.1260 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(9, 27, 149) }
```


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

```
.border{ border-color:rgb(9, 27, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 27, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 27, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 27, 149);  
box-shadow:4px 4px 4px 4px rgb(9, 27, 149)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.5260, -49.8900, 34.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 27, 149) }
```

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

```
.background{ background-color: rgb(9, 27,  
149) }
```

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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