

Converting Colors

YIQ(75.4130, -34.1150, 18.0530)

Have a look what the booklet for
YIQ(75.4130, -34.1150, 18.0530)
contains.

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Color

**YIQ(75.4130, -34.1150,
18.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	364990
RGB	54, 73, 144
RGB Percent	21%, 29%, 56%
CMY	0.7882, 0.7137, 0.4355
CMYK	0.62, 0.49, 0.00, 0.44
HSL	227°, 45%, 39%
HSV	227°, 62%, 56%
XYZ	8.9347, 7.5626, 27.3549
YIQ	75.4130, -34.1150, 18.0530

Conversions

Conversions Part 2

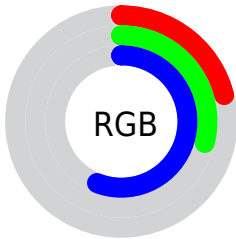
Format	Color
R_{YB}	54, 70, 144
Decimal	3557776
CIE _{Lab}	33.05, 15.90, -41.62
CIE _{LCh}	33, 44.556, 290.909
Yxy	7.5626, 0.2037, 0.1725
Android (android.graphics.Color)	4281747856 (0xFF364990)
YUV	75.4130, 33.8134, -18.7792
Hunter-Lab	27.5001, 9.8690, -39.7269

Details

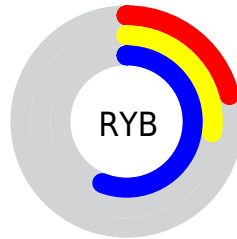
The YIQ color **75.4130, -34.1150, 18.0530** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **122.5870, 34.1150, -18.0530**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.1900, -31.8690, 21.4030**, and **28.2120, -38.1030, 13.2330** is the 20% darker color. If you saturate the color by 10%, you get **64.7700, -39.4340, 20.8380**, and if you desaturate by 10%, it is **86.0560, -28.7960, 15.2680**.

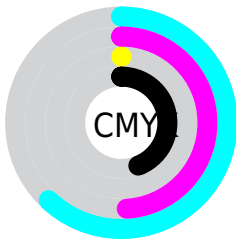
Distribution



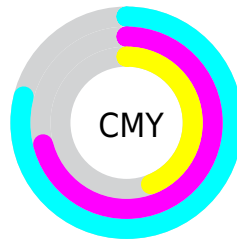
- Red (21%)
- Green (29%)
- Blue (56%)



- Red (21%)
- Yellow (27%)
- Blue (56%)



- Cyan (62%)
- Magenta (49%)
- Yellow (0%)
- Black (44%)



- Cyan (79%)
- Magenta (71%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.4130, -34.1150, 18.0530 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 75.4130, -34.1150, 18.0530 by changing the saturation by 10% instead.

■ 75.4130, -34.1150,
18.0530

■ 75.4130, -34.1150,
18.0530

■ 255.0000, -0.0000,
-0.0000

■ 49.6680, -39.3870,
14.4770

■ 126.1900,
-31.8690, 21.4030

■ 28.2120, -38.1030,
13.2330

■ 153.1300,
-31.6400, 22.7600

■ 11.3880, -23.7990,
18.3210

■ 179.9560,
-31.0900, 23.8060

■ 7.0050, -15.5910,
12.7370

■ 204.7640,
-22.1020, 15.0980

■ 3.3230, -7.9790,
6.9410

■ 229.8710,
-12.5180, 6.6020

■ 0.0000, 0.0000,
0.0000

■ 253.8040, -2.3840,

-0.8480

■ 75.4130, -34.1150,
18.0530

■ 75.4130, -34.1150,
18.0530

■ 64.7700, -39.4340,
20.8380

■ 86.0560, -28.7960,
15.2680

■ 53.2410, -45.0740,
23.9340

■ 97.5850, -23.1560,
12.1720

■ 42.5980, -50.3930,
26.7190

■ 108.2280,
-17.8370, 9.3870

■ 34.0260, -54.4740,
29.0940

■ 119.1700,
-11.9220, 6.8140

■ 130.4000, -6.8780,
3.5060

■ 141.0430, -1.5590,
0.7210

■ 151.9850, 4.3560,
-1.8520

■ 163.2150, 9.4000,
-5.1600

■ 174.1570, 15.3150,
-7.7330

Harmonies

Analogous

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



66.7670, -70.8830, 1.5730



75.4130, -34.1150, 18.0530



80.0720, 9.8060, 31.5500

Triad

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



75.4130, -34.1150, 18.0530



74.0540, 52.6340, 4.2660



62.0010, -46.4400, -28.4240

Complementary

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



75.4130, -34.1150, 18.0530



122.5870, 34.1150, -18.0530

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.



62.8280, -21.2680, -33.0760



75.4130, -34.1150, 18.0530



73.0610, 41.5880, -15.8200

Square

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



75.4130, -34.1150, 18.0530



73.3710, 53.9600, 24.2960



69.9500, 19.4910, -28.3570



66.8060, -58.5920, -17.4400

Rectangle

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



75.4130, -34.1150, 18.0530



77.2010, 31.4920, 35.0120



69.9500, 19.4910, -28.3570



60.0460, -42.3130, -31.6330

Sweetspot

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



75.4130, -34.1150, 18.0530



159.0990, -13.1600, 7.2240



114.8100, -47.2200, -25.3000



77.7420, -7.8410, 4.4390



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



75.4130, -34.1150, 18.0530



79.8690, -52.5940, 28.0620



71.7350, -13.9900, 33.2900



65.9720, -2.7970, 1.1310



32.4130, -51.3100, 26.8180



2.0860, -3.1180, 1.4420

Inverse Universe

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



83.0760, 47.5410, 24.9890



91.8670, 73.5350, 38.4870



125.9660, 13.3940, -33.5020



66.3210, 3.5300, 2.1060



43.6710, 71.1510, 37.6390



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 75.4130, -34.1150, 18.0530 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 75.4130, -34.1150, 18.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

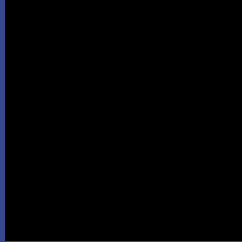
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.4130, -34.1150, 18.0530

Background



This preview shows how black text looks on a background with the YIQ color 75.4130, -34.1150, 18.0530.



This preview shows how white text looks on a background with the YIQ color 75.4130, -34.1150,

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

75.4130, -34.1150, 18.0530

Protanopia

72.3300, -44.2470, 14.4490

Deuteranopia

62.3330, -66.6650, 2.2230



Tritanopia

68.4560, -36.8150, -10.1190

Trichromacy



Original Color

75.4130, -34.1150, 18.0530

Protanomaly

73.1240, -40.6710, 15.7210

Deuteranomaly

67.2530, -54.5160, 7.8200

Tritanomaly

71.2640, -35.8540, 0.0020

Monochromacy



Original Color

75.4130, -34.1150, 18.0530

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8710, -12.5180, 6.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.4130, -34.1150, 18.0530 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(54, 73, 144)` looks like.

```
.text, #text, p{  
    color:rgb(54, 73, 144)  
}
```

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(54, 73, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 73, 144) }
```

Border

The CSS property to change the border of an element to YIQ 75.4130, -34.1150, 18.0530 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(54, 73, 144) }
```


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

```
.border{ border-color:rgb(54, 73, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 73, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 73, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 73, 144);  
box-shadow:4px 4px 4px 4px rgb(54, 73,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 75.4130, -34.1150, 18.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 73, 144) }
```

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

```
.background{ background-color: rgb(54, 73,  
144) }
```

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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