

Converting Colors

YIQ(71.9050, 15.3640, -25.1480)

Have a look what the booklet for
YIQ(71.9050, 15.3640, -25.1480)
contains.

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Color

**YIQ(71.9050, 15.3640,
-25.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	47540C
RGB	71, 84, 12
RGB Percent	28%, 33%, 5%
CMY	0.7216, 0.6706, 0.9528
CMYK	0.16, 0.00, 0.86, 0.67
HSL	71°, 75%, 19%
HSV	71°, 86%, 33%
XYZ	5.8344, 7.7069, 1.5289
YIQ	71.9050, 15.3640, -25.1480

Conversions

Conversions Part 2

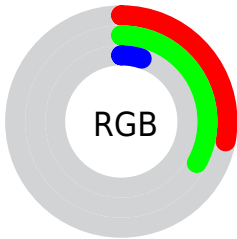
Format	Color
R_{YB}	12, 84, 25
Decimal	4674572
CIE _{Lab}	33.36, -15.54, 36.86
CIE _{LCh}	33, 40.005, 112.863
Yxy	7.7069, 0.3871, 0.5114
Android (android.graphics.Color)	4282864652 (0xFF47540C)
YUV	71.9050, -29.5332, -0.7937
Hunter-Lab	27.7614, -11.0685, 16.1678

Details

The YIQ color **71.9050, 15.3640, -25.1480** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **24.0950, -15.3640, 25.1480**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2040, 15.9600, -24.9360**, and **29.7700, 2.9830, -15.5210** is the 20% darker color. If you saturate the color by 10%, you get **70.3950, 16.7400, -28.0600**, and if you desaturate by 10%, it is **73.4150, 13.9880, -22.2360**.

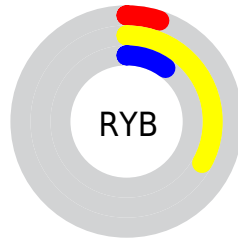
Distribution



Red (28%)

Green (33%)

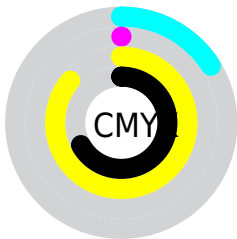
Blue (5%)



Red (5%)

Yellow (33%)

Blue (10%)

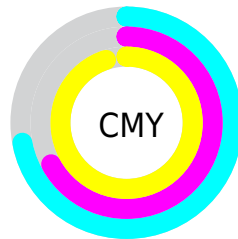


Cyan (16%)

Magenta (0%)

Yellow (86%)

Black (67%)



Cyan (72%)

Magenta (67%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.9050, 15.3640, -25.1480 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 71.9050, 15.3640, -25.1480 by changing the saturation by 10% instead.

■ 71.9050, 15.3640,
-25.1480

■ 71.9050, 15.3640,
-25.1480

■ 254.2020, 2.2470,
-2.1770

■ 49.8600, 11.2370,
-21.9390

■ 122.2040, 15.9600,
-24.9360

■ 29.7700, 2.9830,
-15.5210

■ 147.9760, 16.6020,
-25.5580

■ 11.7400, -5.5000,
-10.4600

■ 175.0470, 17.8400,
-25.9680

■ 0.0000, 0.0000,
0.0000

■ 202.2320, 18.7570,
-26.0670

■ 230.7050, 18.8030,
-26.9010

■ 247.7040, 20.5440,

-19.9040

■ 251.0100, 11.2350,
-10.8850

■ 71.9050, 15.3640,
-25.1480

■ 71.9050, 15.3640,
-25.1480

■ 70.3950, 16.7400,
-28.0600

■ 73.4150, 13.9880,
-22.2360

■ 69.9390, 18.0240,
-29.3040

■ 74.7400, 11.6950,
-19.2250

■ 76.2500, 10.3190,
-16.3130

■ 77.5750, 8.0260,
-13.3020

■ 79.0850, 6.6500,
-10.3900

■ 80.2960, 4.6780,
-7.6900

■ 81.9200, 2.9810,
-4.4670

■ 83.1310, 1.0090,
-1.7670

■ 84.7550, -0.6880,
1.4560

Harmonies

Analogous

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



74.4350, 37.5990, -15.1130



71.9050, 15.3640, -25.1480



65.8330, -19.6640, -29.1040

Triad

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



71.9050, 15.3640, -25.1480



68.0090, -66.1130, -7.7850



77.2630, 36.9490, 29.7250

Complementary

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



71.9050, 15.3640, -25.1480



24.0950, -15.3640, 25.1480

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.



80.5620, 11.1820, 28.6380



71.9050, 15.3640, -25.1480



65.3820, -68.3610, -0.0810

Square

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



71.9050, 15.3640, -25.1480



66.2190, -58.3170, -16.9170



77.6050, -25.9080, 17.9960



76.0990, 48.7340, 19.8860

Rectangle

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



71.9050, 15.3640, -25.1480



60.7300, -44.2390, -29.7670



77.6050, -25.9080, 17.9960



78.7830, 29.6130, 30.5170

Sweetspot

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



71.9050, 15.3640, -25.1480



104.9000, 5.7330, -10.2910



40.5720, 39.6120, 8.9880



53.1650, 3.6690, -5.9230



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



71.9050, 15.3640, -25.1480



91.4800, 23.3900, -38.4500



61.4400, -5.4960, -32.5680



40.2450, 0.6880, -1.4560



87.3490, 22.3810, -36.6830



192.9940, 49.4400, -81.0560

Inverse Universe

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



24.0950, -15.3640, 25.1480



18.5200, -23.3900, 38.4500



34.5600, 5.4960, 32.5680



37.4560, -1.2840, 1.2440



17.6510, -22.3810, 36.6830



39.0060, -49.4400, 81.0560

Previews

White Background



This preview shows how the YIQ color 71.9050, 15.3640, -25.1480 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

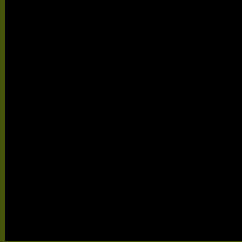
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.9050, 15.3640, -25.1480

Background



This preview shows how black text looks on a background with the YIQ color 71.9050, 15.3640, -25.1480.



This preview shows how white text looks on a background with the YIQ color 71.9050, 15.3640, -25.1480.

-25.1480.

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

71.9050, 15.3640, -25.1480

Protanopia

73.8250, 27.5130, -19.5510

Deuteranopia

75.0910, 32.8760, -12.1160



Tritanopia

78.6840, -1.9260, 1.8660

Trichromacy



Original Color

71.9050, 15.3640, -25.1480

Protanomaly

73.3190, 23.0660, -21.5580

Deuteranomaly

74.2210, 26.4580, -16.9500

Tritanomaly

75.9970, 4.0820, -7.9020

Monochromacy



Original Color

71.9050, 15.3640, -25.1480

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.8400, 5.9620, -8.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.9050, 15.3640, -25.1480 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(71, 84, 12)` looks like.

```
.text, #text, p{  
    color:rgb(71, 84, 12)  
}
```

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(71, 84, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 84, 12) }
```

Border

The CSS property to change the border of an element to YIQ 71.9050, 15.3640, -25.1480 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(71, 84, 12) }
```


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

```
.border{ border-color:rgb(71, 84, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 84, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 84, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 84, 12);  
box-shadow:4px 4px 4px 4px rgb(71, 84, 12)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.9050, 15.3640, -25.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 84, 12) }
```

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

```
.background{ background-color: rgb(71, 84,  
12) }
```

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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