

Converting Colors

YIQ(61.6170, 25.4030, -14.3490)

Have a look what the booklet for
YIQ(61.6170, 25.4030, -14.3490)
contains.

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Color

**YIQ(61.6170, 25.4030,
-14.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	4D4009
RGB	77, 64, 9
RGB Percent	30%, 25%, 4%
CMY	0.6980, 0.7490, 0.9646
CMYK	0.00, 0.17, 0.88, 0.70
HSL	49°, 79%, 17%
HSV	49°, 88%, 30%
XYZ	4.9431, 5.2637, 1.0150
YIQ	61.6170, 25.4030, -14.3490

Conversions

Conversions Part 2

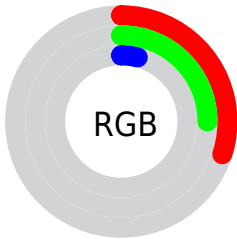
Format	Color
RYB	25, 77, 9
Decimal	5062665
CIELab	27.47, -0.75, 32.86
CIElCh	27, 32.871, 91.309
Yxy	5.2637, 0.4405, 0.4691
Android (android.graphics.Color)	4283252745 (0xFF4D4009)
YUV	61.6170, -25.9402, 13.4909
Hunter-Lab	22.9428, -1.6915, 13.4370

Details

The YIQ color **61.6170, 25.4030, -14.3490** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24.3830, -25.4030, 14.3490**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.1120, 28.3830, -13.2890**, and **21.5850, 11.2340, -5.3580** is the 20% darker color. If you saturate the color by 10%, you get **60.1180, 28.2460, -16.3140**, and if you desaturate by 10%, it is **63.1160, 22.5600, -12.3840**.

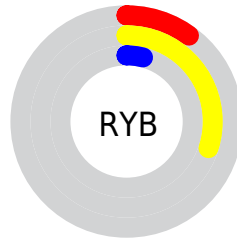
Distribution



 Red (30%)

 Green (25%)

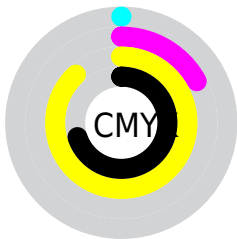
 Blue (4%)



 Red (10%)

 Yellow (30%)

 Blue (4%)

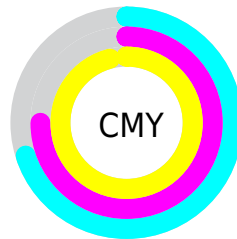


 Cyan (0%)

 Magenta (17%)

 Yellow (88%)

 Black (70%)



 Cyan (70%)

 Magenta (75%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.6170, 25.4030, -14.3490 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 61.6170, 25.4030, -14.3490 by changing the saturation by 10% instead.

61.6170, 25.4030,
-14.3490

61.6170, 25.4030,
-14.3490

253.2900, 4.8150,
-4.6650

40.5010, 20.0380,
-10.7300

110.1120, 28.3830,
-13.2890

21.5850, 11.2340,
-5.3580

136.1830, 29.6210,
-13.6990

0.0000, 0.0000,
0.0000

162.3680, 30.5380,
-13.7980

189.7380, 32.3720,
-13.9960

217.6240, 32.6930,
-14.3070

241.6230, 25.2660,

-17.3740

■ 250.0980, 13.8030,
-13.3730

■ 61.6170, 25.4030,
-14.3490

■ 61.6170, 25.4030,
-14.3490

■ 60.1180, 28.2460,
-16.3140

■ 63.1160, 22.5600,
-12.3840

■ 59.4170, 28.8420,
-16.1020

■ 65.0880, 19.7630,
-11.2530

■ 66.5870, 16.9200,
-9.2880

■ 68.6730, 13.8020,
-7.8460

■ 70.1720, 10.9590,
-5.8810

■ 72.1440, 8.1620,
-4.7500

■ 73.6430, 5.3190,
-2.7850

■ 75.7290, 2.2010,
-1.3430

■ 77.1140, -0.3210,
0.3110

Harmonies

Analogous

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



62.9810, 36.5420, -1.4580



61.6170, 25.4030, -14.3490



59.2770, 5.6890, -20.5110

Triad

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



61.6170, 25.4030, -14.3490



55.4590, -50.0650, -12.2810



66.4390, 15.7220, 23.4500

Complementary

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



61.6170, 25.4030, -14.3490



24.3830, -25.4030, 14.3490

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.



66.3910, -10.6860, 17.4580



61.6170, 25.4030, -14.3490



55.8640, -55.3390, -4.8030

Square

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



61.6170, 25.4030, -14.3490



52.6090, -42.0400, -20.0560



52.4390, -55.3400, 0.7240



64.3670, 33.4200, 22.0920

Rectangle

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



61.6170, 25.4030, -14.3490



55.7570, -13.3380, -22.6020



52.4390, -55.3400, 0.7240



66.7200, 7.5610, 22.6730

Sweetspot

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



61.6170, 25.4030, -14.3490



93.8020, 9.1250, -5.6830



30.9280, 36.0340, 18.7700



47.4150, 5.9610, -3.4070



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



61.6170, 25.4030, -14.3490



76.5610, 37.0040, -20.8520



63.2680, 9.9080, -25.3880



37.5440, 1.2840, -1.2440



78.6320, 38.2420, -21.2620



177.9520, 85.9300, -48.5180

Inverse Universe

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



24.3830, -25.4030, 14.3490



22.4390, -37.0040, 20.8520



22.7320, -9.9080, 25.3880



35.0430, -1.5590, 0.7210



23.3680, -38.2420, 21.2620



52.0480, -85.9300, 48.5180

Previews

White Background



This preview shows how the YIQ color 61.6170, 25.4030, -14.3490 looks on a white background.

Color Contrast Check

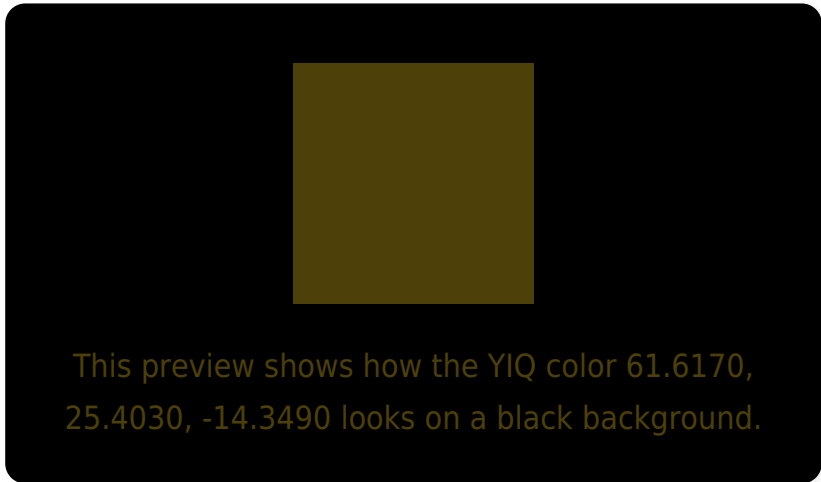
Large Text (above 18pt) WCAG AA ✓ Pass

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

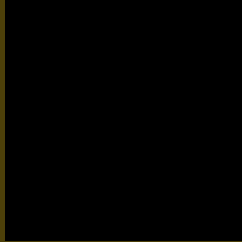
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.6170, 25.4030, -14.3490

Background



This preview shows how black text looks on a background with the YIQ color 61.6170, 25.4030, -14.3490.



This preview shows how white text looks on a background with the YIQ color 61.6170, 25.4030,

-14.3490.

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

61.6170, 25.4030, -14.3490

Protanopia

61.0080, 22.7440, -15.7200

Deuteranopia

62.1660, 28.2910, -11.6210



Tritanopia

66.4360, 10.6360, 5.4840

Trichromacy



Original Color

61.6170, 25.4030, -14.3490

Protanomaly

61.3070, 23.3400, -15.5080

Deuteranomaly

62.0410, 27.1450, -12.8790

Tritanomaly

64.4440, 16.1850, -1.4710

Monochromacy



Original Color

61.6170, 25.4030, -14.3490

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.9160, 8.8040, -5.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.6170, 25.4030, -14.3490 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(77, 64, 9)` looks like.

```
.text, #text, p{  
    color:rgb(77, 64, 9)  
}
```

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(77, 64, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 64, 9) }
```

Border

The CSS property to change the border of an element to YIQ 61.6170, 25.4030, -14.3490 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(77, 64, 9) }
```


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

```
.border{ border-color:rgb(77, 64, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 64, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 64, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 64, 9); box-shadow:4px  
4px 4px 4px rgb(77, 64, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 61.6170, 25.4030, -14.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 64, 9) }
```

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

```
.background{ background-color: rgb(77, 64,  
9) }
```

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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