

Converting Colors

YIQ(75.9400, 8.2560, -17.4720)

Have a look what the booklet for
YIQ(75.9400, 8.2560, -17.4720)
contains.

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Color

**YIQ(75.9400, 8.2560,
-17.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	495525
RGB	73, 85, 37
RGB Percent	29%, 33%, 15%
CMY	0.7138, 0.6666, 0.8548
CMYK	0.14, 0.00, 0.56, 0.67
HSL	75°, 39%, 24%
HSV	75°, 56%, 33%
XYZ	6.3296, 8.0473, 2.9714
YIQ	75.9400, 8.2560, -17.4720

Conversions

Conversions Part 2

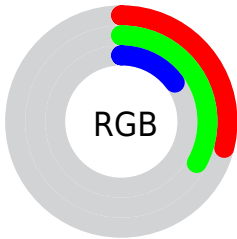
Format	Color
R_{YB}	37, 85, 49
Decimal	4805925
CIE _{Lab}	34.08, -13.20, 26.13
CIE _{LCh}	34, 29.278, 116.800
Yxy	8.0473, 0.3649, 0.4639
Android (android.graphics.Color)	4282996005 (0xFF495525)
YUV	75.9400, -19.1974, -2.5784
Hunter-Lab	28.3678, -9.8156, 13.6471

Details

The YIQ color **75.9400, 8.2560, -17.4720** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.0600, -8.2560, 17.4720**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.4840, 9.5400, -18.7160**, and **32.1510, 6.2840, -14.7720** is the 20% darker color. If you saturate the color by 10%, you get **74.4300, 9.6320, -20.3840**, and if you desaturate by 10%, it is **77.5640, 6.5590, -14.2490**.

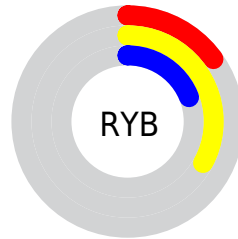
Distribution



 Red (29%)

 Green (33%)

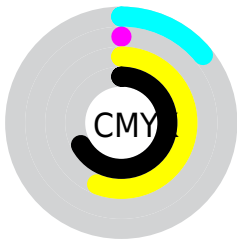
 Blue (15%)




 Red (15%)

 Yellow (33%)

 Blue (19%)

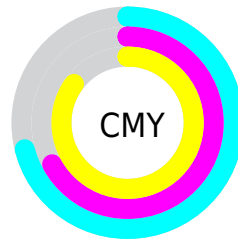


 Cyan (14%)

 Magenta (0%)

 Yellow (56%)

 Black (67%)



 Cyan (71%)

 Magenta (67%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.9400, 8.2560, -17.4720 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 75.9400, 8.2560, -17.4720 by changing the saturation by 10% instead.

■ 75.9400, 8.2560,
-17.4720

■ 75.9400, 8.2560,
-17.4720

■ 255.0000, -0.0000,
-0.0000

■ 53.0540, 7.9350,
-17.1610

■ 125.4840, 9.5400,
-18.7160

■ 32.1510, 6.2840,
-14.7720

■ 151.3700, 9.8610,
-19.0270

■ 12.3270, -5.7750,
-10.9830

■ 178.2560, 10.1820,
-19.3380

■ 0.0000, 0.0000,
0.0000

■ 206.0280, 10.8240,
-19.9600

■ 233.9140, 11.1450,
-20.2710

■ 250.4400, 12.8400,

-12.4400

■ 253.7460, 3.5310,
-3.4210

■ 75.9400, 8.2560,
-17.4720

■ 75.9400, 8.2560,
-17.4720

■ 74.4300, 9.6320,
-20.3840

■ 77.5640, 6.5590,
-14.2490

■ 72.8060, 11.3290,
-23.6070

■ 79.0740, 5.1830,
-11.3370

■ 71.2960, 12.7050,
-26.5190

■ 80.6980, 3.4860,
-8.1140

■ 69.3730, 13.8060,
-29.9540

■ 82.5070, 2.7060,
-4.9900

■ 69.0310, 14.7690,
-30.8870

■ 84.1310, 1.0090,
-1.7670

■ 85.6410, -0.3670,
1.1450

■ 87.2650, -2.0640,
4.3680

■ 88.7750, -3.4400,
7.2800

■ 90.3990, -5.1370,
10.5030

Harmonies

Analogous

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



78.1380, 25.4940, -10.4900



75.9400, 8.2560, -17.4720



72.1420, -15.8600, -20.9480

Triad

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



75.9400, 8.2560, -17.4720



65.8090, -62.6740, -9.5380



81.5620, 28.3770, 19.8730

Complementary

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



75.9400, 8.2560, -17.4720



46.0600, -8.2560, 17.4720

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.



82.8190, 11.5960, 21.1320



75.9400, 8.2560, -17.4720



72.3540, -44.7950, 2.3490

Square

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



75.9400, 8.2560, -17.4720



65.4040, -57.4000, -17.0160



81.2550, -13.2990, 15.2530



80.0110, 36.9980, 12.3100

Rectangle

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



75.9400, 8.2560, -17.4720



65.1700, -39.4260, -23.3780



81.2550, -13.2990, 15.2530



82.0500, 24.0670, 20.8910

Sweetspot

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



75.9400, 8.2560, -17.4720



106.3390, 3.1190, -6.9690



58.3960, 25.3080, 3.9000



53.8490, 1.7430, -4.0570



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.



75.9400, 8.2560, -17.4720



95.7690, 12.7510, -27.3530



68.7640, -6.0480, -22.5600



42.2450, 0.6880, -1.4560



86.7290, 18.2550, -39.0010



190.5690, 40.2710, -85.5930

Inverse Universe

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



46.0600, -8.2560, 17.4720



49.2310, -12.7510, 27.3530



53.2360, 6.0480, 22.5600



39.7550, -0.6880, 1.4560



20.2710, -18.2550, 39.0010



44.4310, -40.2710, 85.5930

Previews

White Background



This preview shows how the YIQ color 75.9400, 8.2560, -17.4720 looks on a white background.

Color Contrast Check

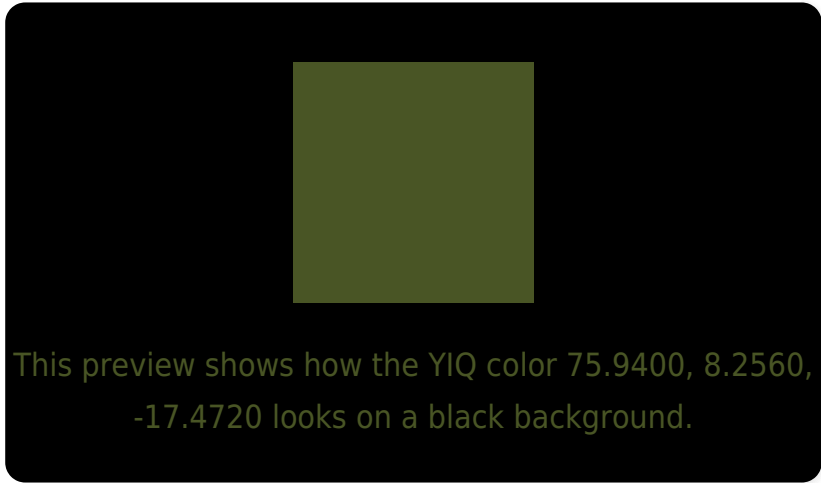
Large Text (above 18pt) WCAG AA ✓ Pass

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

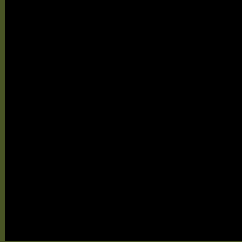
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.9400, 8.2560, -17.4720

Background



This preview shows how black text looks on a background with the YIQ color 75.9400, 8.2560, -17.4720.



This preview shows how white text looks on a background with the YIQ color 75.9400, 8.2560,

-17.4720.

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

75.9400, 8.2560, -17.4720

Protanopia

77.6750, 19.4880, -11.7760

Deuteranopia

78.6590, 25.5850, -6.6310



Tritanopia

80.3850, -2.5220, 1.6540

Trichromacy



Original Color

75.9400, 8.2560, -17.4720

Protanomaly

77.0550, 15.3620, -14.0940

Deuteranomaly

77.6150, 19.7170, -10.4190

Tritanomaly

78.9090, 1.5140, -5.4140

Monochromacy



Original Color

75.9400, 8.2560, -17.4720

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.8660, 3.0730, -6.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.9400, 8.2560, -17.4720 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(73, 85, 37)` looks like.

```
.text, #text, p{  
    color:rgb(73, 85, 37)  
}
```

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(73, 85, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 85, 37) }
```

Border

The CSS property to change the border of an element to YIQ 75.9400, 8.2560, -17.4720 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(73, 85, 37) }
```


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

```
.border{ border-color:rgb(73, 85, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 85, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 85, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 85, 37);  
box-shadow:4px 4px 4px 4px rgb(73, 85, 37)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.9400, 8.2560, -17.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 85, 37) }
```

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

```
.background{ background-color: rgb(73, 85,  
37) }
```

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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