

Converting Colors

YIQ(65.7250, 25.2190, -11.0130)

Have a look what the booklet for
YIQ(65.7250, 25.2190, -11.0130)
contains.

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Color

**YIQ(65.7250, 25.2190,
-11.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	534213
RGB	83, 66, 19
RGB Percent	33%, 26%, 7%
CMY	0.6745, 0.7412, 0.9253
CMYK	0.00, 0.20, 0.77, 0.67
HSL	44°, 63%, 20%
HSV	44°, 77%, 33%
XYZ	5.6332, 5.7818, 1.4368
YIQ	65.7250, 25.2190, -11.0130

Conversions

Conversions Part 2

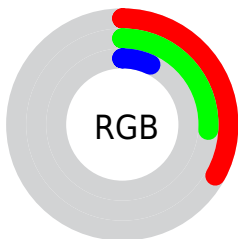
Format	Color
RYB	42, 83, 19
Decimal	5456403
CIE Lab	28.86, 1.60, 30.08
CIE LCh	29, 30.118, 86.952
Yxy	5.7818, 0.4383, 0.4499
Android (android.graphics.Color)	4283646483 (0xFF534213)
YUV	65.7250, -23.0354, 15.1502
Hunter-Lab	24.0455, -0.2622, 13.2891

Details

The YIQ color **65.7250, 25.2190, -11.0130** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **36.2750, -25.2190, 11.0130**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.6930, 28.2450, -10.7870**, and **24.5530, 14.2600, -5.1320** is the 20% darker color. If you saturate the color by 10%, you get **63.6390, 28.3370, -12.4550**, and if you desaturate by 10%, it is **67.8110, 22.1010, -9.5710**.

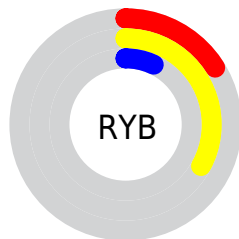
Distribution



Red (33%)

Green (26%)

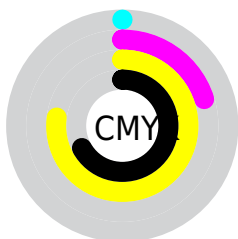
Blue (7%)



Red (16%)

Yellow (33%)

Blue (7%)

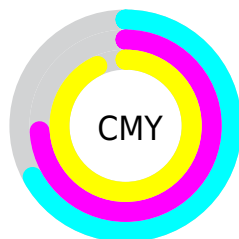


Cyan (0%)

Magenta (20%)

Yellow (77%)

Black (67%)



Cyan (67%)

Magenta (74%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.7250, 25.2190, -11.0130 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 65.7250, 25.2190, -11.0130 by changing the saturation by 10% instead.

65.7250, 25.2190,
-11.0130

65.7250, 25.2190,
-11.0130

254.4300, 1.6050,
-1.5550

43.4690, 23.0640,
-10.5040

114.6930, 28.2450,
-10.7870

24.5530, 14.2600,
-5.1320

140.1770, 29.7580,
-10.6740

0.0000, 0.0000,
0.0000

166.6610, 31.2710,
-10.5610

193.7320, 32.5090,
-10.9710

221.9170, 33.4260,
-11.0700

244.4100, 21.5520,

-16.1440

■ 251.1240, 10.9140,
-10.5740

■ 65.7250, 25.2190,
-11.0130

■ 65.7250, 25.2190,
-11.0130

■ 63.6390, 28.3370,
-12.4550

■ 67.8110, 22.1010,
-9.5710

■ 61.4390, 31.7760,
-14.2080

■ 70.0110, 18.6620,
-7.8180

■ 60.6240, 32.6930,
-14.3070

■ 72.6840, 15.2690,
-6.8990

■ 74.7700, 12.1510,
-5.4570

■ 76.9700, 8.7120,
-3.7040

■ 79.0560, 5.5940,
-2.2620

■ 81.1420, 2.4760,
-0.8200

■ 83.8150, -0.9170,
0.0990

■ 86.0150, -4.3560,
1.8520

Harmonies

Analogous

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



66.9640, 35.2120, 0.6200



65.7250, 25.2190, -11.0130



63.5270, 7.9810, -17.9950

Triad

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



65.7250, 25.2190, -11.0130



56.4050, -49.9730, -13.9490



69.9330, 11.2750, 21.4430

Complementary

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



65.7250, 25.2190, -11.0130



36.2750, -25.2190, 11.0130

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.



68.9560, -13.8950, 15.0410



65.7250, 25.2190, -11.0130



57.3970, -55.5220, -6.9940

Square

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



65.7250, 25.2190, -11.0130



53.7830, -42.5900, -21.1020



55.2710, -54.9270, -1.2550



68.8610, 28.9730, 20.0850

Rectangle

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



65.7250, 25.2190, -11.0130



60.8610, -7.6990, -20.1710



55.2710, -54.9270, -1.2550



69.9860, 3.7560, 20.0440

Sweetspot

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



65.7250, 25.2190, -11.0130



100.6280, 9.6750, -4.6370



40.0740, 32.6870, 18.8550



49.9420, 5.9150, -2.5730



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



65.7250, 25.2190, -11.0130



80.5660, 38.6080, -16.8800



71.2190, 11.6040, -23.0840



39.9570, 1.5590, -0.7210



76.5940, 41.4050, -18.0110



169.1580, 91.5220, -39.7260

Inverse Universe

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



36.2750, -25.2190, 11.0130



35.4340, -38.6080, 16.8800



30.7810, -11.6040, 23.0840



38.0430, -1.5590, 0.7210



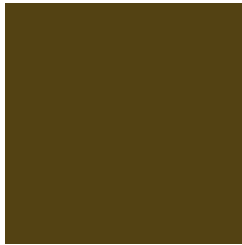
28.4060, -41.4050, 18.0110



62.8420, -91.5220, 39.7260

Previews

White Background



This preview shows how the YIQ color 65.7250, 25.2190, -11.0130 looks on a white background.

Color Contrast Check

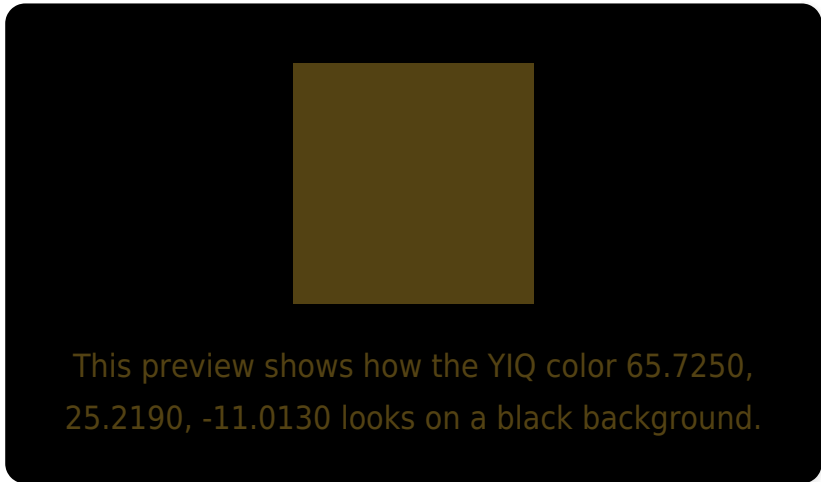
Large Text (above 18pt) WCAG AA ✓ Pass

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

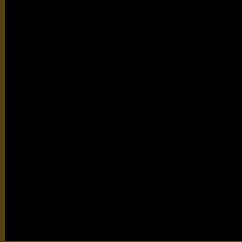
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.7250, 25.2190, -11.0130

Background



This preview shows how black text looks on a background with the YIQ color 65.7250, 25.2190, -11.0130.



This preview shows how white text looks on a background with the YIQ color 65.7250, 25.2190,

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

65.7250, 25.2190, -11.0130

Protanopia

65.2190, 20.7720, -13.0200

Deuteranopia

66.1490, 26.9610, -9.5430



Tritanopia

69.6320, 13.0200, 6.3320

Trichromacy



Original Color

65.7250, 25.2190, -11.0130

Protanomaly

65.2300, 22.2390, -12.0730

Deuteranomaly

65.8500, 26.3650, -9.7550

Tritanomaly

67.9820, 17.6060, 0.3100

Monochromacy



Original Color

65.7250, 25.2190, -11.0130

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.8560, 9.0330, -4.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.7250, 25.2190, -11.0130 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(83, 66, 19)` looks like.

```
.text, #text, p{  
    color:rgb(83, 66, 19)  
}
```

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(83, 66, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 66, 19) }
```

Border

The CSS property to change the border of an element to YIQ 65.7250, 25.2190, -11.0130 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(83, 66, 19) }
```


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

```
.border{ border-color:rgb(83, 66, 19) }
```

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

Here you see how a box with a 4 pixel rgb(83, 66, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 66, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 66, 19);  
box-shadow:4px 4px 4px 4px rgb(83, 66, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.7250, 25.2190, -11.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 66, 19) }
```

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

```
.background{ background-color: rgb(83, 66,  
19) }
```

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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