

Converting Colors

YIQ(69.3390, 11.1460, -25.7980)

Have a look what the booklet for
YIQ(69.3390, 11.1460, -25.7980)
contains.

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Color

**YIQ(69.3390, 11.1460,
-25.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	40530D
RGB	64, 83, 13
RGB Percent	25%, 33%, 5%
CMY	0.7491, 0.6745, 0.9489
CMYK	0.23, 0.00, 0.84, 0.67
HSL	76°, 73%, 19%
HSV	76°, 84%, 33%
XYZ	5.2795, 7.3061, 1.5136
YIQ	69.3390, 11.1460, -25.7980

Conversions

Conversions Part 2

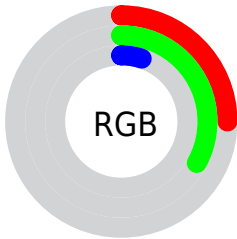
Format	Color
RYB	13, 83, 32
Decimal	4215565
CIELab	32.49, -18.25, 35.52
CIElCh	32, 39.935, 117.192
Yxy	7.3061, 0.3745, 0.5182
Android (android.graphics.Color)	4282405645 (0xFF40530D)
YUV	69.3390, -27.7751, -4.6823
Hunter-Lab	27.0297, -12.4368, 15.6008

Details

The YIQ color **69.3390, 11.1460, -25.7980** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **26.6610, -11.1460, 25.7980**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2250, 11.4670, -26.1090**, and **27.3890, -0.3180, -16.2700** is the 20% darker color. If you saturate the color by 10%, you get **67.8290, 12.5220, -28.7100**, and if you desaturate by 10%, it is **70.8490, 9.7700, -22.8860**.

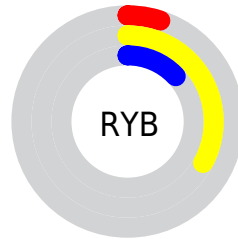
Distribution



Red (25%)

Green (33%)

Blue (5%)



Red (5%)

Yellow (33%)

Blue (13%)

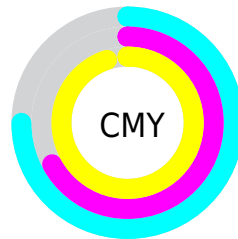


Cyan (23%)

Magenta (0%)

Yellow (84%)

Black (67%)



Cyan (75%)

Magenta (67%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.3390, 11.1460, -25.7980 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 69.3390, 11.1460, -25.7980 by changing the saturation by 10% instead.

69.3390, 11.1460,
-25.7980

69.3390, 11.1460,
-25.7980

254.3160, 1.9260,
-1.8660

47.4790, 7.9360,
-22.6880

119.2250, 11.4670,
-26.1090

27.3890, -0.3180,
-16.2700

145.2960, 12.7050,
-26.5190

9.3920, -4.4000,
-8.3680

172.0680, 13.3470,
-27.1410

0.0000, 0.0000,
0.0000

198.9540, 13.6680,
-27.4520

227.7260, 14.3100,
-28.0740

247.2200, 19.0310,

-20.0170

■ 251.0100, 11.2350,
-10.8850

■ 69.3390, 11.1460,
-25.7980

■ 69.3390, 11.1460,
-25.7980

■ 67.8290, 12.5220,
-28.7100

■ 70.8490, 9.7700,
-22.8860

■ 66.6610, 12.9350,
-30.6890

■ 72.4730, 8.0730,
-19.6630

■ 74.2820, 7.2930,
-16.5390

■ 75.7920, 5.9170,
-13.6270

■ 77.4160, 4.2200,
-10.4040

■ 79.2250, 3.4400,
-7.2800

■ 80.7350, 2.0640,
-4.3680

■ 82.2450, 0.6880,
-1.4560

■ 83.8690, -1.0090,
1.7670

Harmonies

Analogous

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



72.2990, 34.9860, -17.3180



69.3390, 11.1460, -25.7980



60.7010, -28.1000, -30.4040

Triad

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



69.3390, 11.1460, -25.7980



66.3620, -65.6090, -5.9050



75.4050, 39.4250, 28.9050

Complementary

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



69.3390, 11.1460, -25.7980



26.6610, -11.1460, 25.7980

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.



78.1280, 15.4000, 29.2880



69.3390, 11.1460, -25.7980



63.3930, -66.8940, 0.8660

Square

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



69.3390, 11.1460, -25.7980



65.2730, -58.4090, -15.2490



76.8940, -19.3520, 20.3280



73.9310, 49.1470, 17.9070

Rectangle

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



69.3390, 11.1460, -25.7980



59.7840, -44.3310, -28.0990



76.8940, -19.3520, 20.3280



76.2240, 32.6850, 29.9090

Sweetspot

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



69.3390, 11.1460, -25.7980



101.8290, 4.4950, -9.8810



45.0830, 36.4950, 4.9030



50.5670, 2.4770, -6.3470



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.



69.3390, 11.1460, -25.7980



86.1310, 17.0630, -39.4250



58.8740, -9.7140, -33.2180



40.2450, 0.6880, -1.4560



84.3590, 16.4210, -38.8030



186.7150, 36.9240, -85.5080

Inverse Universe

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



26.6610, -11.1460, 25.7980



20.8690, -17.0630, 39.4250



37.1260, 9.7140, 33.2180



37.7550, -0.6880, 1.4560



20.3420, -17.0170, 38.5910



45.2850, -36.9240, 85.5080

Previews

White Background



This preview shows how the YIQ color 69.3390, 11.1460, -25.7980 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 69.3390, 11.1460, -25.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

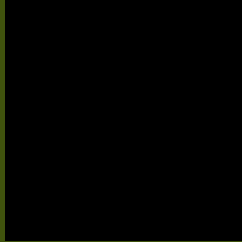
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.3390, 11.1460, -25.7980

Background



This preview shows how black text looks on a background with the YIQ color 69.3390, 11.1460, -25.7980.



This preview shows how white text looks on a background with the YIQ color 69.3390, 11.1460, -25.7980.

-25.7980.

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

69.3390, 11.1460, -25.7980

Protanopia

72.1670, 26.5500, -18.6180

Deuteranopia

73.1340, 31.3170, -11.3950



Tritanopia

75.8900, -5.5020, 0.5940

Trichromacy



Original Color

69.3390, 11.1460, -25.7980

Protanomaly

71.0630, 20.9110, -21.0490

Deuteranomaly

71.6660, 23.7070, -16.6530

Tritanomaly

73.3170, 0.1850, -8.8630

Monochromacy



Original Color

69.3390, 11.1460, -25.7980

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.0570, 3.8530, -9.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.3390, 11.1460, -25.7980 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(64, 83, 13)` looks like.

```
.text, #text, p{  
    color:rgb(64, 83, 13)  
}
```

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(64, 83, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 83, 13) }
```

Border

The CSS property to change the border of an element to YIQ 69.3390, 11.1460, -25.7980 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(64, 83, 13) }
```


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

```
.border{ border-color:rgb(64, 83, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 83, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 83, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 83, 13);  
box-shadow:4px 4px 4px 4px rgb(64, 83, 13)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.3390, 11.1460, -25.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 83, 13) }
```

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

```
.background{ background-color: rgb(64, 83,  
13) }
```

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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