

Converting Colors

YIQ(65.6390, 28.3370, -12.4550)

Have a look what the booklet for
YIQ(65.6390, 28.3370, -12.4550)
contains.

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Color

**YIQ(65.6390, 28.3370,
-12.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	55420D
RGB	85, 66, 13
RGB Percent	33%, 26%, 5%
CMY	0.6667, 0.7412, 0.9489
CMYK	0.00, 0.22, 0.85, 0.67
HSL	44°, 73%, 19%
HSV	44°, 85%, 33%
XYZ	5.7672, 5.8561, 1.2085
YIQ	65.6390, 28.3370, -12.4550

Conversions

Conversions Part 2

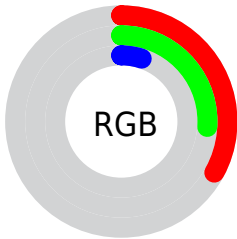
Format	Color
RYB	39, 85, 13
Decimal	5587469
CIELab	29.05, 2.31, 33.05
CIElCh	29, 33.135, 85.999
Yxy	5.8561, 0.4494, 0.4564
Android (android.graphics.Color)	4283777549 (0xFF55420D)
YUV	65.6390, -25.9510, 16.9796
Hunter-Lab	24.1993, 0.1916, 13.9787

Details

The YIQ color **65.6390, 28.3370, -12.4550** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **32.3610, -28.3370, 12.4550**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.7210, 31.0420, -11.9180**, and **24.8520, 14.8560, -4.9200** is the 20% darker color. If you saturate the color by 10%, you get **63.5530, 31.4550, -13.8970**, and if you desaturate by 10%, it is **67.8390, 24.8980, -10.7020**.

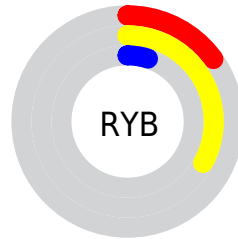
Distribution



Red (33%)

Green (26%)

Blue (5%)



Red (15%)

Yellow (33%)

Blue (5%)

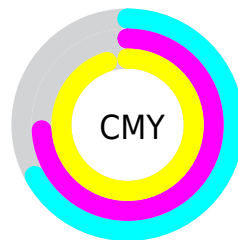


Cyan (0%)

Magenta (22%)

Yellow (85%)

Black (67%)



Cyan (67%)

Magenta (74%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.6390, 28.3370, -12.4550 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 65.6390, 28.3370, -12.4550 by changing the saturation by 10% instead.

65.6390, 28.3370,
-12.4550

65.6390, 28.3370,
-12.4550

253.8600, 3.2100,
-3.1100

44.0670, 24.2560,
-10.0800

114.7210, 31.0420,
-11.9180

24.8520, 14.8560,
-4.9200

140.5040, 33.1510,
-11.5930

0.0000, 0.0000,
0.0000

166.9880, 34.6640,
-11.4800

194.0590, 35.9020,
-11.8900

222.5430, 37.4150,
-11.7770

243.8400, 23.1570,

-17.6990

■ 250.5540, 12.5190,
-12.1290

■ 65.6390, 28.3370,
-12.4550

■ 65.6390, 28.3370,
-12.4550

■ 63.5530, 31.4550,
-13.8970

■ 67.8390, 24.8980,
-10.7020

■ 62.3960, 33.3350,
-14.9290

■ 69.9250, 21.7800,
-9.2600

■ 72.7120, 18.0660,
-8.0300

■ 74.7980, 14.9480,
-6.5880

■ 76.9980, 11.5090,
-4.8350

■ 79.0840, 8.3910,
-3.3930

■ 81.8710, 4.6770,
-2.1630

■ 83.9570, 1.5590,
-0.7210

■ 86.1570, -1.8800,
1.0320

Harmonies

Analogous

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



66.9320, 38.2380, 0.8460



65.6390, 28.3370, -12.4550



63.5440, 9.3110, -20.0730

Triad

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



65.6390, 28.3370, -12.4550



57.8070, -51.1650, -14.3730



70.2860, 11.7790, 23.3230

Complementary

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



65.6390, 28.3370, -12.4550



32.3610, -28.3370, 12.4550

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.



68.9280, -16.6920, 16.1720



65.6390, 28.3370, -12.4550



58.4400, -57.0810, -6.2730

Square

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



65.6390, 28.3370, -12.4550



54.8430, -42.8190, -22.4590



55.9440, -58.3200, -0.3360



68.5240, 31.5400, 23.1240

Rectangle

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



65.6390, 28.3370, -12.4550



60.3940, -7.8820, -22.3620



55.9440, -58.3200, -0.3360



70.7410, 3.0680, 21.5000

Sweetspot

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



65.6390, 28.3370, -12.4550



102.1120, 11.1880, -4.5240



36.6940, 36.8130, 21.1730



51.7140, 6.5570, -3.1950



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.



65.6390, 28.3370, -12.4550



80.4370, 43.2850, -19.0430



71.7090, 12.9800, -25.9960



41.9570, 1.5590, -0.7210



78.3660, 42.0470, -18.6330



171.8160, 92.4850, -40.6590

Inverse Universe

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



32.3610, -28.3370, 12.4550



29.5630, -43.2850, 19.0430



26.2910, -12.9800, 25.9960



40.0430, -1.5590, 0.7210



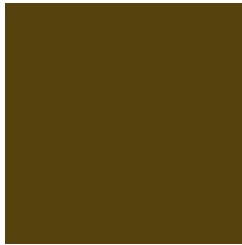
28.6340, -42.0470, 18.6330



63.1840, -92.4850, 40.6590

Previews

White Background



This preview shows how the YIQ color 65.6390, 28.3370, -12.4550 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 65.6390, 28.3370, -12.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

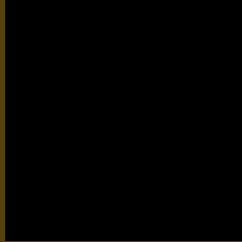
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.6390, 28.3370, -12.4550

Background



This preview shows how black text looks on a background with the YIQ color 65.6390, 28.3370, -12.4550.



This preview shows how white text looks on a background with the YIQ color 65.6390, 28.3370,

-12.4550.

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

65.6390, 28.3370, -12.4550

Protanopia

65.1220, 22.4230, -15.4090

Deuteranopia

65.7640, 29.4830, -11.1970



Tritanopia

69.6430, 14.4870, 7.2790

Trichromacy



Original Color

65.6390, 28.3370, -12.4550

Protanomaly

65.4320, 24.4860, -14.2500

Deuteranomaly

65.4650, 28.8870, -11.4090

Tritanomaly

68.3520, 19.4400, 0.1120

Monochromacy



Original Color

65.6390, 28.3370, -12.4550

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.9270, 10.2710, -4.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.6390, 28.3370, -12.4550 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(85, 66, 13)` looks like.

```
.text, #text, p{  
    color:rgb(85, 66, 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(85, 66, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 66, 13) }
```

Border

The CSS property to change the border of an element to YIQ 65.6390, 28.3370, -12.4550 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(85, 66, 13) }
```


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

```
.border{ border-color:rgb(85, 66, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 66, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 66, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 66, 13);  
box-shadow:4px 4px 4px 4px rgb(85, 66, 13)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.6390, 28.3370, -12.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 66, 13) }
```

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

```
.background{ background-color: rgb(85, 66,  
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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