

Converting Colors

YIQ(65.2910, -4.9530, 7.1670)

Have a look what the booklet for
YIQ(65.2910, -4.9530, 7.1670)
contains.

YIQ(65.2910, -4.9530, 7.1670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(65.2910, -4.9530,
7.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	413E53
RGB	65, 62, 83
RGB Percent	25%, 24%, 33%
CMY	0.7451, 0.7569, 0.6745
CMYK	0.22, 0.25, 0.00, 0.67
HSL	249°, 14%, 28%
HSV	249°, 25%, 33%
XYZ	5.4639, 5.1935, 8.8962
YIQ	65.2910, -4.9530, 7.1670

Conversions

Conversions Part 2

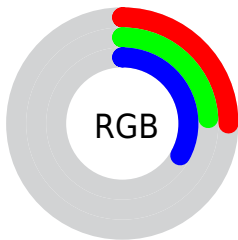
Format	Color
RYB	65, 62, 83
Decimal	4275795
CIELab	27.28, 6.42, -12.17
CIElCh	27, 13.757, 297.829
Yxy	5.1935, 0.2794, 0.2656
Android (android.graphics.Color)	4282465875 (0xFF413E53)
YUV	65.2910, 8.7305, -0.2552
Hunter-Lab	22.7893, 2.9152, -7.1925

Details

The YIQ color **65.2910, -4.9530, 7.1670** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **79.7090, 4.9530, -7.1670**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.9320, -5.3200, 8.3120**, and **22.6500, -4.5860, 6.0220** is the 20% darker color. If you saturate the color by 10%, you get **58.5020, -6.9250, 9.8670**, and if you desaturate by 10%, it is **72.0800, -2.9810, 4.4670**.

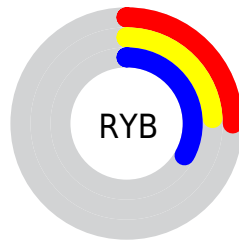
Distribution



Red (25%)

Green (24%)

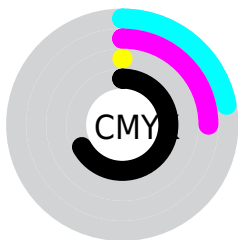
Blue (33%)



Red (25%)

Yellow (24%)

Blue (33%)

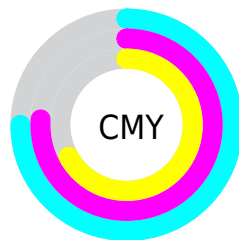


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (67%)



Cyan (75%)

Magenta (76%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.2910, -4.9530, 7.1670 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 65.2910, -4.9530, 7.1670 by changing the saturation by 10% instead.

■ 65.2910, -4.9530,
7.1670

■ 65.2910, -4.9530,
7.1670

■ 255.0000, -0.0000,
-0.0000

■ 43.1770, -4.6320,
6.8560

■ 112.9320, -5.3200,
8.3120

■ 22.6500, -4.5860,
6.0220

■ 138.9320, -5.3200,
8.3120

■ 2.5250, -5.7320,
4.7640

■ 165.0460, -5.6410,
8.6230

■ 0.0000, 0.0000,
0.0000

■ 192.0460, -5.6410,
8.6230

■ 220.1600, -5.9620,
8.9340

■ 246.7490, -0.5510,

4.4810

■ 65.2910, -4.9530,
7.1670

■ 65.2910, -4.9530,
7.1670

■ 58.5020, -6.9250,
9.8670

■ 72.0800, -2.9810,
4.4670

■ 51.1260, -8.6220,
13.0900

■ 79.4560, -1.2840,
1.2440

■ 44.3370, -10.5940,
15.7900

■ 86.2450, 0.6880,
-1.4560

■ 37.5480, -12.5660,
18.4900

■ 93.0340, 2.6600,
-4.1560

■ 30.4600, -15.1340,
20.9780

■ 100.1220, 5.2280,
-6.6440

■ 23.0840, -16.8310,
24.2010

■ 107.4980, 6.9250,
-9.8670

■ 16.2950, -18.8030,
26.9010

■ 114.2870, 8.8970,
-12.5670

■ 13.0500, -19.4910,
28.3570

■ 121.0760, 10.8690,
-15.2670

■ 128.4520, 12.5660,
-18.4900

Harmonies

Analogous

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



63.3820, -15.6350, 2.5170



65.2910, -4.9530, 7.1670



66.3200, 5.2710, 9.1030

Triad

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



65.2910, -4.9530, 7.1670



64.7970, 16.6890, 0.4090



59.6340, -16.8250, -8.9610

Complementary

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



65.2910, -4.9530, 7.1670



79.7090, 4.9530, -7.1670

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.



61.4950, -6.1880, -9.0040



65.2910, -4.9530, 7.1670



63.7100, 12.3800, -4.1000

Square

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



65.2910, -4.9530, 7.1670



65.4430, 17.9260, 5.5260



63.1110, 3.7610, -7.5910



59.0940, -23.9320, -6.8120

Rectangle

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



65.2910, -4.9530, 7.1670



66.1420, 11.6440, 9.2440



63.1110, 3.7610, -7.5910



60.4880, -13.4780, -9.0460

Sweetspot

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



65.2910, -4.9530, 7.1670



100.2110, -1.9720, 2.7000



74.9600, -11.6910, -2.8830



48.9830, -1.3300, 2.0780



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.



65.2910, -4.9530, 7.1670



80.1430, -7.2920, 11.0120



68.2810, 1.0070, 9.2870



37.4560, -1.2840, 1.2440



16.4550, -24.7650, 35.8350



36.3150, -54.8040, 79.1480

Inverse Universe

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



70.3310, 6.7380, 10.0500



87.6460, 10.4050, 15.1810



76.7190, -1.0070, -9.2870



38.5380, 1.4210, 1.7810



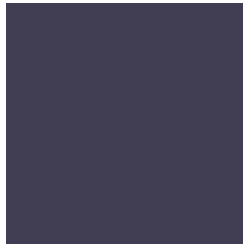
41.6550, 33.6900, 50.2500



92.0540, 74.3930, 111.0730

Previews

White Background



This preview shows how the YIQ color 65.2910, -4.9530, 7.1670 looks on a white background.

Color Contrast Check

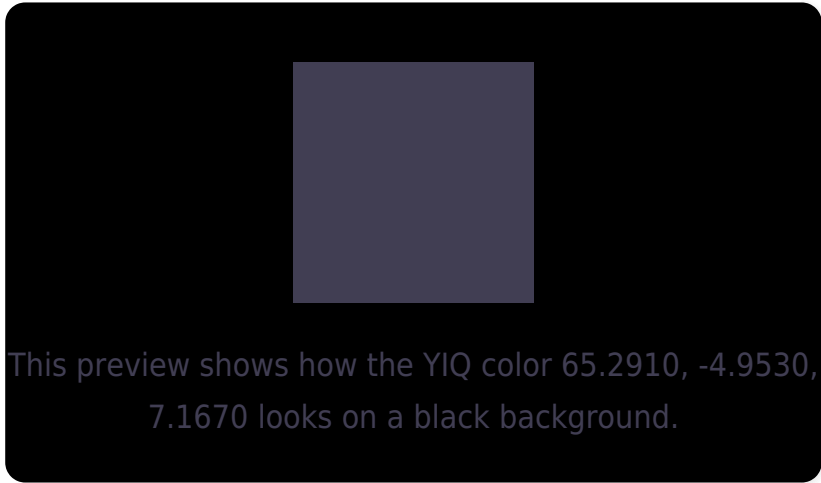
Large Text (above 18pt) WCAG AA ✓ Pass

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

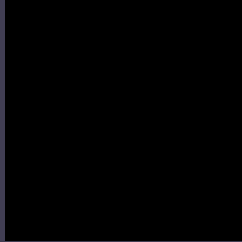
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.2910, -4.9530, 7.1670

Background



This preview shows how black text looks on a background with the YIQ color 65.2910, -4.9530, 7.1670.

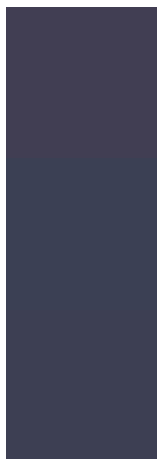


This preview shows how white text looks on a background with the YIQ color 65.2910, -4.9530,

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

65.2910, -4.9530, 7.1670

Protanopia

64.7850, -9.4000, 5.1600

Deuteranopia

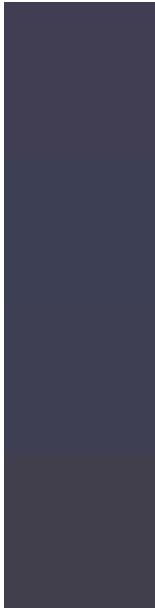
64.6820, -7.6120, 5.7960



Tritanopia

64.3850, -2.5220, 1.6540

Trichromacy



Original Color

65.2910, -4.9530, 7.1670

Protanomaly

64.7960, -7.9330, 6.1070

Deuteranomaly

64.9810, -7.0160, 6.0080

Tritanomaly

64.6670, -3.2560, 3.9440

Monochromacy



Original Color

65.2910, -4.9530, 7.1670

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.2110, -1.9720, 2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.2910, -4.9530, 7.1670 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(65, 62, 83)` looks like.

```
.text, #text, p{  
    color:rgb(65, 62, 83)  
}
```

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(65, 62, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 62, 83) }
```

Border

The CSS property to change the border of an element to YIQ 65.2910, -4.9530, 7.1670 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(65, 62, 83) }
```


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

```
.border{ border-color:rgb(65, 62, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 62, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 62, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 62, 83);  
box-shadow:4px 4px 4px 4px rgb(65, 62, 83)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.2910, -4.9530, 7.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 62, 83) }
```

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

```
.background{ background-color: rgb(65, 62,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor