

Converting Colors

YIQ(142.7650, -7.7890,
-29.5570)

Have a look what the booklet for
YIQ(142.7650, -7.7890, -29.5570)
contains.

YIQ(142.7650, -7.7890, -29.5570)	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(142.7650, -7.7890,
-29.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	75A465
RGB	117, 164, 101
RGB Percent	46%, 64%, 40%
CMY	0.5413, 0.3568, 0.6039
CMYK	0.29, 0.00, 0.38, 0.36
HSL	105°, 26%, 52%
HSV	105°, 38%, 64%
XYZ	22.9591, 31.2768, 17.1401
YIQ	142.7650, -7.7890, -29.5570

Conversions

Conversions Part 2

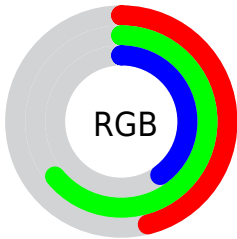
Format	Color
RYB	101, 164, 148
Decimal	7709797
CIELab	62.74, -28.01, 27.77
CIELCh	63, 39.441, 135.242
Yxy	31.2768, 0.3217, 0.4382
Android (android.graphics.Color)	4285899877 (0xFF75A465)
YUV	142.7650, -20.5901, -22.5959
Hunter-Lab	55.9257, -24.5906, 20.9769

Details

The YIQ color **142.7650, -7.7890, -29.5570** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **122.2350, 7.7890, 29.5570**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1240, -7.4220, -30.7020**, and **91.5200, -8.4770, -28.1010** is the 20% darker color. If you saturate the color by 10%, you get **137.3530, -9.8050, -37.0770**, and if you desaturate by 10%, it is **148.1770, -5.7730, -22.0370**.

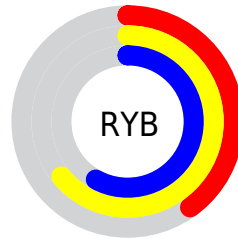
Distribution



Red (46%)

Green (64%)

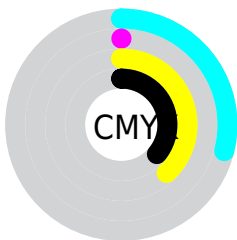
Blue (40%)



Red (40%)

Yellow (64%)

Blue (58%)

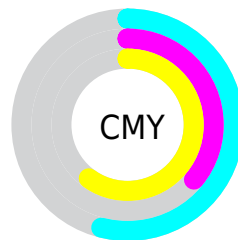


Cyan (29%)

Magenta (0%)

Yellow (38%)

Black (36%)



Cyan (54%)


Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.7650, -7.7890, -29.5570 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 142.7650, -7.7890, -29.5570 by changing the saturation by 10% instead.


 142.7650, -7.7890,
-29.5570

 142.7650, -7.7890,
-29.5570


255.0000, -0.0000,
-0.0000


 116.8790, -8.1100,
-29.2460


 196.8250, -8.0180,
-30.9140

 91.5200, -8.4770,
-28.1010


 225.2980, -7.9720,
-31.7480


 66.7480, -9.1190,
-27.4790

 241.1560, -1.2800,
-20.8640

 42.2640, -10.6320,
-27.5920

 252.8340, 6.0990,
-5.9090

 24.0670, -11.2750,
-21.4430

 9.9790, -4.6750,
-8.8910

 0.0000, 0.0000,

0.0000

■ 142.7650, -7.7890,
-29.5570

■ 142.7650, -7.7890,
-29.5570

■ 137.3530, -9.8050,
-37.0770

■ 148.1770, -5.7730,
-22.0370

■ 131.5280,
-12.0960, -45.1200

■ 153.7030, -4.0780,
-14.2060

■ 126.1160,
-14.1120, -52.6400

■ 159.4140, -1.4660,
-6.4740

■ 120.5900,
-15.8070, -60.4710

■ 164.9400, 0.2290,
1.3570

■ 115.1780,
-17.8230, -67.9910

■ 170.3520, 2.2450,
8.8770

■ 109.4670,
-20.4350, -75.7230

■ 175.7640, 4.2610,
16.3970

■ 108.8260,
-20.0680, -76.8680

■ 181.5890, 6.5520,
24.4400

■ 187.0010, 8.5680,
31.9600

■ 192.5270, 10.2630,
39.7910

Harmonies

Analogous

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



147.0910, 23.7080, -22.1800



142.7650, -7.7890, -29.5570



134.6970, -48.6400, -32.6080

Triad

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



142.7650, -7.7890, -29.5570



136.2280, -79.7310, -3.2750



153.6590, 53.0890, 23.5610

Complementary

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



142.7650, -7.7890, -29.5570



122.2350, 7.7890, 29.5570

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.



155.9470, 35.0230, 31.5910



142.7650, -7.7890, -29.5570



150.7010, -34.9860, 17.3180

Square

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



142.7650, -7.7890, -29.5570



120.9430, -110.4460, -24.8300



155.9680, 4.1670, 29.1190



152.4290, 56.0720, 8.0400

Rectangle

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



142.7650, -7.7890, -29.5570



119.1830, -94.1670, -39.0230



155.9680, 4.1670, 29.1190



154.1410, 48.9160, 27.6040

Sweetspot

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



142.7650, -7.7890, -29.5570



205.3550, -2.9780, -12.1140



146.8390, 24.8980, -10.7020



102.0010, -1.7410, -6.9970



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



142.7650, -7.7890, -29.5570



181.0010, -12.0500, -45.9540



139.6910, -22.1400, -28.2840



79.1800, -0.6870, -4.0710



96.1780, -17.8230, -67.9910



12.0610, -1.9700, -8.3540

Inverse Universe

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



122.2350, 7.7890, 29.5570



148.9990, 12.0500, 45.9540



125.3090, 22.1400, 28.2840



76.1190, 1.2830, 4.2830



49.1210, 18.4190, 68.2030



5.9390, 1.9700, 8.3540

Previews

White Background



This preview shows how the YIQ color 142.7650, -7.7890, -29.5570 looks on a white 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

Black Background



This preview shows how the YIQ color 142.7650, -7.7890, -29.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

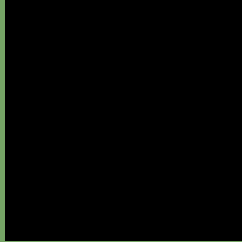
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 142.7650, -7.7890, -29.5570

Background



This preview shows how black text looks on a background with the YIQ color 142.7650, -7.7890, -29.5570.



This preview shows how white text looks on a background with the YIQ color 142.7650, -7.7890,

-29.5570.

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

142.7650, -7.7890, -29.5570

Protanopia

148.9160, 25.9990, -14.1370

Deuteranopia

150.9050, 33.7000, -5.0200



Tritanopia

148.9960, -20.5400, -2.2040

Trichromacy



Original Color

142.7650, -7.7890, -29.5570

Protanomaly

146.9960, 13.8500, -19.7340

Deuteranomaly

148.0230, 18.3880, -13.8680

Tritanomaly

146.8250, -16.0450, -12.0850

Monochromacy



Original Color

142.7650, -7.7890, -29.5570

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.2950, -2.7490, -10.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.7650, -7.7890, -29.5570 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(117, 164, 101)` looks like.

```
.text, #text, p{  
    color:rgb(117, 164, 101)  
}
```

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(117, 164, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 164, 101) }
```

Border

The CSS property to change the border of an element to YIQ 142.7650, -7.7890, -29.5570 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(117, 164, 101) }
```


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

```
.border{ border-color:rgb(117, 164, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 164, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 164, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 164, 101);  
box-shadow:4px 4px 4px 4px rgb(117, 164,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 142.7650, -7.7890, -29.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 164, 101) }
```

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

```
.background{ background-color: rgb(117,  
164, 101) }
```

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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