

Converting Colors

YIQ(137.9610, -5.4050,
-28.7090)

Have a look what the booklet for
YIQ(137.9610, -5.4050, -28.7090)
contains.

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Color

**YIQ(137.9610, -5.4050,
-28.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	739E5F
RGB	115, 158, 95
RGB Percent	45%, 62%, 37%
CMY	0.5492, 0.3803, 0.6274
CMYK	0.27, 0.00, 0.40, 0.38
HSL	101°, 25%, 50%
HSV	101°, 40%, 62%
XYZ	21.3613, 28.9286, 15.2860
YIQ	137.9610, -5.4050, -28.7090

Conversions

Conversions Part 2

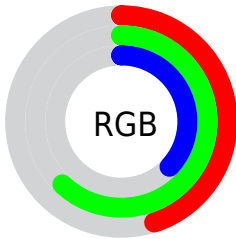
Format	Color
R_{YB}	95, 158, 138
Decimal	7577183
CIE _{Lab}	60.72, -26.69, 28.33
CIE _{LCh}	61, 38.919, 133.294
Yxy	28.9286, 0.3257, 0.4411
Android (android.graphics.Color)	4285767263 (0xFF739E5F)
YUV	137.9610, -21.1798, -20.1368
Hunter-Lab	53.7853, -23.2315, 20.7992

Details

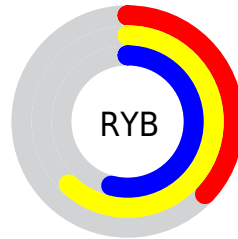
The YIQ color $137.9610, -5.4050, -28.7090$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $115.0390, 5.4050, 28.7090$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.9070, -5.3130, -30.3770$, and $87.0150, -5.4970, -27.0410$ is the 20% darker color. If you saturate the color by 10%, you get $132.8480, -6.8250, -36.0170$, and if you desaturate by 10%, it is $143.0740, -3.9850, -21.4010$.

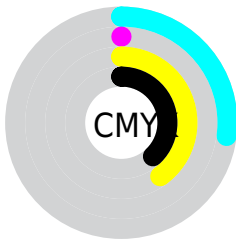
Distribution



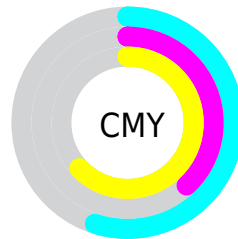
- Red (45%)
- Green (62%)
- Blue (37%)



- Red (37%)
- Yellow (62%)
- Blue (54%)



- Cyan (27%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)





- Cyan (55%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.9610, -5.4050, -28.7090 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 137.9610, -5.4050, -28.7090 by changing the saturation by 10% instead.


 137.9610, -5.4050,
-28.7090


 137.9610, -5.4050,
-28.7090


255.0000, -0.0000,
-0.0000

 112.1890, -6.0470,
-28.0870


 191.9070, -5.3130,
-30.3770

 87.0150, -5.4970,
-27.0410


 219.7930, -4.9920,
-30.6880


 62.8300, -6.4140,
-26.9420

 239.5750, -1.1420,
-23.3660

 38.5310, -7.0100,
-27.1540

 251.4380, 7.1540,
-8.5100

 21.7190, -10.1750,
-19.3510

 2.9350, -1.3750,
-2.6150

 0.0000, 0.0000,

0.0000

■ 137.9610, -5.4050,
-28.7090

■ 137.9610, -5.4050,
-28.7090

■ 132.8480, -6.8250,
-36.0170

■ 143.0740, -3.9850,
-21.4010

■ 127.7350, -8.2450,
-43.3250

■ 148.1870, -2.5650,
-14.0930

■ 123.0350, -9.3900,
-50.1100

■ 152.8870, -1.4200,
-7.3080

■ 117.9220,
-10.8100, -57.4180

■ 158.0000, -0.0000,
0.0000

■ 112.8090,
-12.2300, -64.7260

■ 163.1130, 1.4200,
7.3080

■ 107.6960,
-13.6500, -72.0340

■ 168.2260, 2.8400,
14.6160

■ 173.3390, 4.2600,
21.9240

■ 178.0390, 5.4050,
28.7090

■ 183.1520, 6.8250,
36.0170

Harmonies

Analogous

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



142.1020, 25.1750, -21.2330



137.9610, -5.4050, -28.7090



130.3770, -44.7430, -31.6470

Triad

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



137.9610, -5.4050, -28.7090



129.2060, -82.6650, -5.1690



148.2890, 51.2550, 23.7590

Complementary

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



137.9610, -5.4050, -28.7090



115.0390, 5.4050, 28.7090

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.



150.1640, 32.9140, 31.2660



137.9610, -5.4050, -28.7090



145.2770, -36.7280, 15.8480

Square

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



137.9610, -5.4050, -28.7090



117.0960, -106.5030, -24.7030



150.4730, 1.1870, 28.0590



147.0700, 55.7050, 9.1850

Rectangle

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



137.9610, -5.4050, -28.7090



115.6460, -88.1610, -37.7370



150.4730, 1.1870, 28.0590



149.3580, 46.8070, 27.2790

Sweetspot

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



137.9610, -5.4050, -28.7090



199.0670, -2.1070, -11.3790



138.4910, 25.9980, -8.6100



100.3000, -1.1450, -6.7850



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



137.9610, -5.4050, -28.7090



175.2680, -8.4280, -45.5160



133.2350, -20.8560, -29.5280



76.5930, -0.4120, -3.5480



97.3960, -12.5050, -65.2490



10.3000, -1.1450, -6.7850

Inverse Universe

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



115.0390, 5.4050, 28.7090



138.7320, 8.4280, 45.5160



119.8790, 20.5350, 29.8390



73.7060, 1.0080, 3.7600



45.6040, 12.5050, 65.2490



4.7000, 1.1450, 6.7850

Previews

White Background



This preview shows how the YIQ color 137.9610, -5.4050, -28.7090 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9610, -5.4050, -28.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

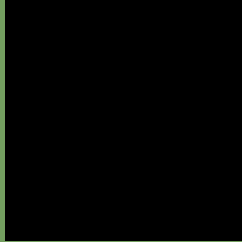
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.9610, -5.4050, -28.7090

Background



This preview shows how black text looks on a background with the YIQ color 137.9610, -5.4050, -28.7090.



This preview shows how white text looks on a background with the YIQ color 137.9610, -5.4050,

-28.7090.

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

137.9610, -5.4050, -28.7090

Protanopia

143.5030, 25.7240, -14.6600

Deuteranopia

145.7910, 34.0210, -5.3310



Tritanopia

144.1920, -18.1560, -1.3560

Trichromacy



Original Color

137.9610, -5.4050, -28.7090

Protanomaly

141.2950, 14.4460, -19.5220

Deuteranomaly

143.2080, 19.3050, -13.9670

Tritanomaly

142.0210, -13.6610, -11.2370

Monochromacy



Original Color

137.9610, -5.4050, -28.7090

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.8930, -1.5570, -10.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9610, -5.4050, -28.7090 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(115, 158, 95)` looks like.

```
.text, #text, p{  
    color:rgb(115, 158, 95)  
}
```

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(115, 158, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 158, 95) }
```

Border

The CSS property to change the border of an element to YIQ 137.9610, -5.4050, -28.7090 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(115, 158, 95) }
```


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

```
.border{ border-color:rgb(115, 158, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 158, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 158, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 158, 95);  
box-shadow:4px 4px 4px 4px rgb(115, 158,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9610, -5.4050, -28.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 158, 95) }
```

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

```
.background{ background-color: rgb(115,  
158, 95) }
```

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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