

Converting Colors

YIQ(130.9920, -25.0260,
-42.0660)

Have a look what the booklet for
YIQ(130.9920, -25.0260, -42.0660)
contains.

YIQ(130.9920, -25.0260, -42.0660)	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(130.9920, -25.0260,
-42.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	51A557
RGB	81, 165, 87
RGB Percent	32%, 65%, 34%
CMY	0.6826, 0.3528, 0.6589
CMYK	0.51, 0.00, 0.47, 0.35
HSL	124°, 34%, 48%
HSV	124°, 51%, 65%
XYZ	18.5693, 29.3574, 13.7025
YIQ	130.9920, -25.0260, -42.0660

Conversions

Conversions Part 2

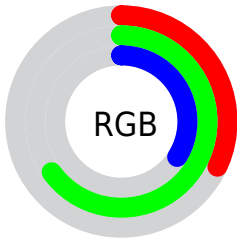
Format	Color
RYB	81, 159, 165
Decimal	5350743
CIELab	61.10, -42.18, 32.70
CIELCh	61, 53.371, 142.218
Yxy	29.3574, 0.3013, 0.4764
Android (android.graphics.Color)	4283540823 (0xFF51A557)
YUV	130.9920, -21.6881, -43.8430
Hunter-Lab	54.1825, -33.6443, 22.9335

Details

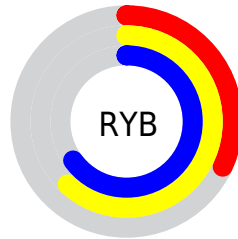
The YIQ color **130.9920, -25.0260, -42.0660** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **115.0080, 25.0260, 42.0660**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.1230, -24.0170, -43.8330**, and **75.8710, -31.9950, -42.4190** is the 20% darker color. If you saturate the color by 10%, you get **124.1990, -30.3430, -50.3350**, and if you desaturate by 10%, it is **137.4860, -20.3050, -34.0090**.

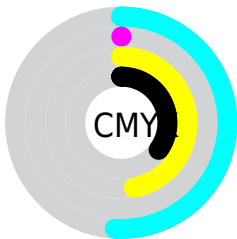
Distribution



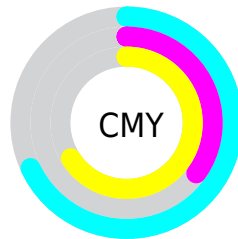
- Red (32%)
- Green (65%)
- Blue (34%)



- Red (32%)
- Yellow (62%)
- Blue (65%)



- Cyan (51%)
- Magenta (0%)
- Yellow (47%)
- Black (35%)



- Cyan (68%)
- Magenta (35%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.9920, -25.0260, -42.0660 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 130.9920, -25.0260, -42.0660 by changing the saturation by 10% instead.

■ 130.9920,
-25.0260, -42.0660

■ 130.9920,
-25.0260, -42.0660

■ 255.0000, -0.0000,
-0.0000

■ 104.0350,
-26.5850, -41.3450

■ 186.1230,
-24.0170, -43.8330

■ 75.8710, -31.9950,
-42.4190

■ 214.5960,
-23.9710, -44.6670

■ 52.6650, -28.4190,
-41.1470

■ 228.9810,
-17.3250, -32.9490

■ 36.9810, -17.3250,
-32.9490

■ 240.8440, -9.0290,
-18.0930

■ 24.0670, -11.2750,
-21.4430

■ 253.1200, -0.4580,
-2.7140

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,

0.0000

■ 130.9920,
-25.0260, -42.0660

■ 130.9920,
-25.0260, -42.0660

■ 124.1990,
-30.3430, -50.3350

■ 137.4860,
-20.3050, -34.0090

■ 117.5910,
-34.7430, -58.7030

■ 144.3930,
-15.3090, -25.4290

■ 110.7980,
-40.0600, -66.9720

■ 150.8870,
-10.5880, -17.3720

■ 104.3040,
-44.7810, -75.0290

■ 157.6800, -5.2710,
-9.1030

■ 98.2230, -49.2270,
-82.5630

■ 164.2880, -0.8710,
-0.7350

■ 171.0810, 4.4460,
7.5340

■ 177.5750, 9.1670,
15.5910

■ 184.4820, 14.1630,
24.1710

■ 190.9760, 18.8840,
32.2280

Harmonies

Analogous

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



138.7020, 22.8850, -34.8030



130.9920, -25.0260, -42.0660



114.9520, -89.4430, -47.5470

Triad

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



130.9920, -25.0260, -42.0660



119.0460, -120.2610, -6.6370



146.3580, 73.1700, 28.5780

Complementary

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



130.9920, -25.0260, -42.0660



115.0080, 25.0260, 42.0660

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.



148.5630, 54.1400, 43.0680



130.9920, -25.0260, -42.0660



147.2420, -37.6470, 27.0010

Square

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



130.9920, -25.0260, -42.0660



122.6360, -116.5910, -18.0870



151.6310, 15.9020, 42.2220



145.5200, 71.7530, 4.6890

Rectangle

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



130.9920, -25.0260, -42.0660



119.3010, -100.3110, -37.8070



151.6310, 15.9020, 42.2220



146.7200, 69.4550, 35.3350

Sweetspot

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



130.9920, -25.0260, -42.0660



201.0120, -9.4420, -16.1140



153.6300, 23.3880, -27.3960



99.2670, -5.5460, -9.6260



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.



130.9920, -25.0260, -42.0660



161.3360, -38.6390, -65.1910



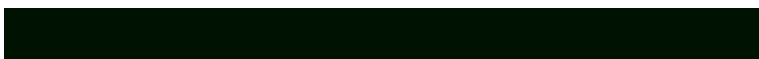
135.7800, -38.5080, -29.0040



78.3970, -2.7960, -4.3960



86.2550, -43.0850, -72.7250



10.6800, -5.2710, -9.1030

Inverse Universe

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



115.0080, 25.0260, 42.0660



136.6640, 38.6390, 65.1910



110.2200, 38.5080, 29.0040



76.6030, 2.7960, 4.3960



58.7450, 43.0850, 72.7250



7.3200, 5.2710, 9.1030

Previews

White Background



This preview shows how the YIQ color 130.9920, -25.0260, -42.0660 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 130.9920, -25.0260, -42.0660 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 130.9920, -25.0260, -42.0660 Background



This preview shows how black text looks on a background with the YIQ color 130.9920, -25.0260, -42.0660.



This preview shows how white text looks on a background with the YIQ color 130.9920, -25.0260, -42.0660.

-42.0660.

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

130.9920, -25.0260, -42.0660

Protanopia

143.5480, 29.8510, -17.8690

Deuteranopia

145.7050, 37.1390, -6.7730



Tritanopia

140.3250, -37.8240, -8.3520

Trichromacy



Original Color

130.9920, -25.0260, -42.0660

Protanomaly

139.3280, 9.6790, -26.7450

Deuteranomaly

140.2950, 14.4460, -19.5220

Tritanomaly

136.6870, -33.5120, -20.4240

Monochromacy



Original Color

130.9920, -25.0260, -42.0660

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.8380, -8.8920, -15.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9920, -25.0260, -42.0660 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(81, 165, 87)` looks like.

```
.text, #text, p{  
    color:rgb(81, 165, 87)  
}
```

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(81, 165, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 165, 87) }
```

Border

The CSS property to change the border of an element to YIQ 130.9920, -25.0260, -42.0660 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(81, 165, 87) }
```


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

```
.border{ border-color:rgb(81, 165, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 165, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 165, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 165, 87);  
box-shadow:4px 4px 4px 4px rgb(81, 165,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9920, -25.0260, -42.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 165, 87) }
```

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

```
.background{ background-color: rgb(81, 165,  
87) }
```

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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