

Converting Colors

YIQ(142.1150, -47.9020,
-57.0060)

Have a look what the booklet for
YIQ(142.1150, -47.9020, -57.0060)
contains.

YIQ(142.1150, -47.9020, -57.0060)	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(142.1150, -47.9020,
-57.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	3DC062
RGB	61, 192, 98
RGB Percent	24%, 75%, 38%
CMY	0.7611, 0.2468, 0.6158
CMYK	0.68, 0.00, 0.49, 0.25
HSL	137°, 52%, 50%
HSV	137°, 68%, 75%
XYZ	22.9835, 39.5937, 17.9789
YIQ	142.1150, -47.9020, -57.0060

Conversions

Conversions Part 2

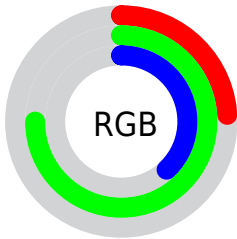
Format	Color
RYB	61, 163, 192
Decimal	4046946
CIELab	69.18, -55.65, 37.14
CIELCh	69, 66.902, 146.282
Yxy	39.5937, 0.2853, 0.4915
Android (android.graphics.Color)	4282237026 (0xFF3DC062)
YUV	142.1150, -21.7487, -71.1379
Hunter-Lab	62.9236, -44.9171, 27.1058

Details

The YIQ color **142.1150, -47.9020, -57.0060** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **110.8850, 47.9020, 57.0060**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.3390, -42.7210, -57.2890**, and **85.8910, -53.0830, -56.7230** is the 20% darker color. If you saturate the color by 10%, you get **134.8380, -54.7320, -65.3880**, and if you desaturate by 10%, it is **149.3920, -41.0720, -48.6240**.

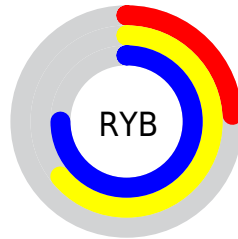
Distribution



Red (24%)

Green (75%)

Blue (38%)



Red (24%)

Yellow (64%)

Blue (75%)

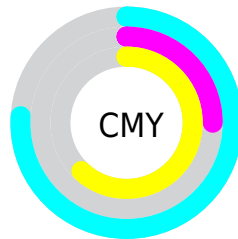


Cyan (68%)

Magenta (0%)

Yellow (49%)

Black (25%)



Cyan (76%)

Magenta (25%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.1150, -47.9020, -57.0060 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 142.1150, -47.9020, -57.0060 by changing the saturation by 10% instead.

■ 142.1150,
-47.9020, -57.0060

■ 142.1150,
-47.9020, -57.0060

■ 255.0000, -0.0000,
-0.0000

■ 108.7760,
-60.1890, -60.1010

■ 200.9260,
-42.9960, -57.8120

■ 85.8910, -53.0830,
-56.7230

■ 215.6100,
-35.7540, -45.8820

■ 67.7790, -37.9080,
-50.9000

■ 227.7720,
-26.8620, -30.8140

■ 49.8950, -23.3750,
-44.4550

■ 240.0480,
-18.2910, -15.4350

■ 35.8070, -16.7750,
-31.9030

■ 251.4120, -7.1520,
-2.5440

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,

0.0000

■ 142.1150,
-47.9020, -57.0060

■ 142.1150,
-47.9020, -57.0060

■ 134.8380,
-54.7320, -65.3880

■ 149.3920,
-41.0720, -48.6240

■ 127.2620,
-62.1580, -73.9820

■ 156.6690,
-34.2420, -40.2420

■ 120.0990,
-69.3090, -82.0530

■ 164.1310,
-26.4950, -31.9590

■ 118.8600,
-70.1340, -83.6220

■ 171.4080,
-19.6650, -23.5770

■ 178.6850,
-12.8350, -15.1950

■ 185.9620, -6.0050,
-6.8130

■ 193.1250, 1.1460,
1.2580

■ 200.7010, 8.5720,
9.8520

■ 207.9780, 15.4020,
18.2340

Harmonies

Analogous

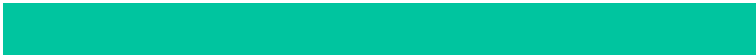
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155.9710, 23.0250, -48.3590



142.1150, -47.9020, -57.0060



133.7650, -105.2140, -53.5820

Triad

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



142.1150, -47.9020, -57.0060



133.5560, -130.8050, -13.7890



158.4900, 81.6060, 29.8780

Complementary

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



142.1150, -47.9020, -57.0060



110.8850, 47.9020, 57.0060

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.



161.8080, 63.9960, 51.6760



142.1150, -47.9020, -57.0060



166.9870, -32.3750, 30.5770

Square

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



142.1150, -47.9020, -57.0060



141.7740, -134.6550, -21.1110



173.0060, 28.5080, 56.0600



164.2800, 89.8640, 1.3520

Rectangle

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



142.1150, -47.9020, -57.0060



139.1400, -118.9710, -41.0430



173.0060, 28.5080, 56.0600



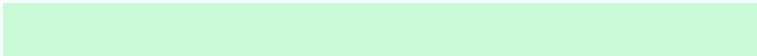
157.7210, 76.8820, 38.4020

Sweetspot

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



142.1150, -47.9020, -57.0060



230.9460, -18.2440, -21.7960



166.6010, 21.1910, -48.1610



113.5220, -10.8180, -13.2020



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



142.1150, -47.9020, -57.0060



171.9470, -74.9930, -89.1770



149.2970, -68.1250, -37.4130



93.2120, -3.7130, -4.2970



99.6370, -58.7200, -70.2080



20.3970, -11.9640, -14.4600

Inverse Universe

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



110.8850, 47.9020, 57.0060



123.0530, 74.9930, 89.1770



103.7030, 68.1250, 37.4130



90.7880, 3.7130, 4.2970



61.2490, 59.0410, 69.8970



12.6030, 11.9640, 14.4600

Previews

White Background



This preview shows how the YIQ color 142.1150, -47.9020, -57.0060 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 142.1150, -47.9020, -57.0060 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 142.1150, -47.9020, -57.0060 Background



This preview shows how black text looks on a background with the YIQ color 142.1150, -47.9020, -57.0060.



This preview shows how white text looks on a background with the YIQ color 142.1150, -47.9020, -57.0060.

-57.0060.

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

142.1150, -47.9020, -57.0060

Protanopia

164.0770, 35.4910, -20.9650

Deuteranopia

166.4020, 42.3660, -7.8900



Tritanopia

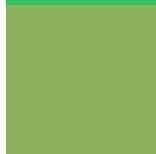
156.0990, -57.8590, -14.2030

Trichromacy



Original Color

142.1150, -47.9020, -57.0060



Protanomaly

156.2470, 5.2330, -34.2790



Deuteranomaly

157.8550, 9.6330, -25.9110



Tritanomaly

151.0540, -53.9590, -29.8230

Monochromacy



Original Color

142.1150, -47.9020, -57.0060



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

142.0710, -17.0980, -20.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.1150, -47.9020, -57.0060 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(61, 192, 98)` looks like.

```
.text, #text, p{  
    color:rgb(61, 192, 98)  
}
```

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(61, 192, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 192, 98) }
```

Border

The CSS property to change the border of an element to YIQ 142.1150, -47.9020, -57.0060 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(61, 192, 98) }
```


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

```
.border{ border-color:rgb(61, 192, 98) }
```

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

Here you see how a box with a 4 pixel rgb(61, 192, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 192, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 192, 98);  
box-shadow:4px 4px 4px 4px rgb(61, 192,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 142.1150, -47.9020, -57.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 192, 98) }
```

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

```
.background{ background-color: rgb(61, 192,  
98) }
```

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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