

Converting Colors

YIQ(146.1630, -37.5480,
-13.3560)

Have a look what the booklet for
YIQ(146.1630, -37.5480, -13.3560)
contains.

YIQ(146.1630, -37.5480, -13.3560)	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(146.1630, -37.5480,
-13.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	66A5A5
RGB	102, 165, 165
RGB Percent	40%, 65%, 65%
CMY	0.6001, 0.3528, 0.3531
CMYK	0.38, 0.00, 0.00, 0.35
HSL	180°, 26%, 52%
HSV	180°, 38%, 65%
XYZ	25.7231, 32.4576, 40.4884
YIQ	146.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

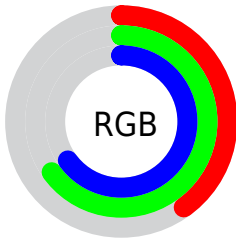
Format	Color
RYB	102, 134, 165
Decimal	6727077
CIELab	63.72, -20.20, -6.37
CIElCh	64, 21.180, 197.512
Yxy	32.4576, 0.2607, 0.3290
Android (android.graphics.Color)	4284917157 (0xFF66A5A5)
YUV	146.1630, 9.2866, -38.7310
Hunter-Lab	56.9716, -19.1060, -2.2559

Details

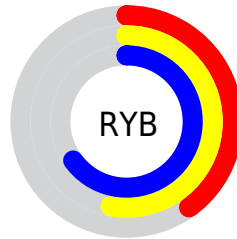
The YIQ color **146.1630, -37.5480, -13.3560** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **120.8370, 37.5480, 13.3560**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.8640, -38.1440, -13.5680**, and **93.8640, -38.1440, -13.5680** is the 20% darker color. If you saturate the color by 10%, you get **141.0800, -47.6800, -16.9600**, and if you desaturate by 10%, it is **150.9470, -28.0120, -9.9640**.

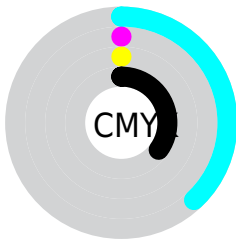
Distribution



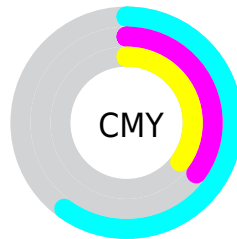
- Red (40%)
- Green (65%)
- Blue (65%)



- Red (40%)
- Yellow (53%)
- Blue (65%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)



- Cyan (60%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.1630, -37.5480, -13.3560 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 146.1630, -37.5480, -13.3560 by changing the saturation by 10% instead.

■ 146.1630,
-37.5480, -13.3560

■ 146.1630,
-37.5480, -13.3560

■ 255.0000, -0.0000,
-0.0000

■ 120.1630,
-37.5480, -13.3560

■ 200.8640,
-38.1440, -13.5680

■ 93.8640, -38.1440,
-13.5680

■ 229.4510,
-38.4190, -14.0910

■ 67.1840, -42.0410,
-14.5290

■ 242.1430,
-25.6280, -9.1160

■ 45.5650, -38.7400,
-13.7800

■ 250.8140, -8.3440,
-2.9680

■ 29.5560, -25.3530,
-8.5930

■ 15.5360, -13.4330,
-4.3530

■ 0.0000, 0.0000,

0.0000

■ 146.1630,
-37.5480, -13.3560

■ 146.1630,
-37.5480, -13.3560

■ 141.0800,
-47.6800, -16.9600

■ 150.9470,
-28.0120, -9.9640

■ 136.2960,
-57.2160, -20.3520

■ 156.0300,
-17.8800, -6.3600

■ 131.2130,
-67.3480, -23.9560

■ 160.8140, -8.3440,
-2.9680

■ 126.4290,
-76.8840, -27.3480

■ 165.8970, 1.7880,
0.6360

■ 121.3460,
-87.0160, -30.9520

■ 170.6810, 11.3240,
4.0280

■ 116.5620,
-96.5520, -34.3440

■ 175.7640, 21.4560,
7.6320

■ 115.6650,
-98.3400, -34.9800

■ 180.5480, 30.9920,
11.0240

■ 185.6310, 41.1240,
14.6280

■ 190.4150, 50.6600,
18.0200

Harmonies

Analogous

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



147.8840, -23.7010, -16.5090



146.1630, -37.5480, -13.3560



147.4110, -40.9420, -6.9100

Triad

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



146.1630, -37.5480, -13.3560



157.3510, 3.9860, 15.8740



154.1260, 25.7680, -4.4400

Complementary

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



146.1630, -37.5480, -13.3560



120.8370, 37.5480, 13.3560

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.



156.1040, 32.0020, 3.7300



146.1630, -37.5480, -13.3560



157.8490, 20.0790, 16.0710

Square

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



146.1630, -37.5480, -13.3560



154.8370, -15.1780, 10.7580



156.8900, 30.0290, 11.9570



152.5540, 12.5190, -12.1290

Rectangle

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



146.1630, -37.5480, -13.3560



149.5520, -36.7250, -0.7330



156.8900, 30.0290, 11.9570



154.6750, 28.6560, -1.7120

Sweetspot

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



146.1630, -37.5480, -13.3560



207.1230, -13.7080, -4.8760



139.2800, -16.7290, -32.7370



102.8140, -8.3440, -2.9680



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.



146.1630, -37.5480, -13.3560



184.6980, -58.4080, -20.7760



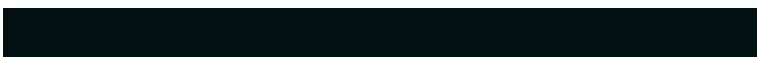
128.5530, -29.2980, 2.3340



79.3090, -5.3640, -1.9080



101.6450, -86.4200, -30.7400



12.6180, -10.7280, -3.8160

Inverse Universe

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



120.8370, 37.5480, 13.3560



145.3020, 58.4080, 20.7760



138.4470, 29.2980, -2.3340



75.6910, 5.3640, 1.9080



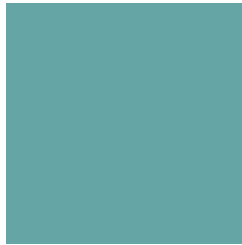
43.3550, 86.4200, 30.7400



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 146.1630, -37.5480, -13.3560 looks on a white background.

Color Contrast Check

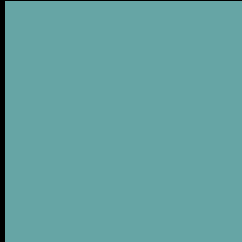
Large Text (above 18pt) WCAG AA × Fail

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 146.1630, -37.5480, -13.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

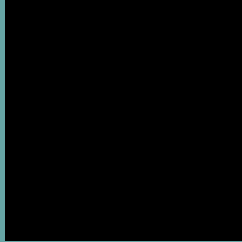
Any Text WCAG AA ✓ Pass

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 146.1630, -37.5480, -13.3560 Background



This preview shows how black text looks on a background with the YIQ color 146.1630, -37.5480, -13.3560.

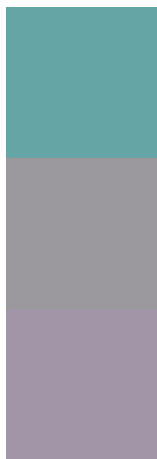


This preview shows how white text looks on a background with the YIQ color 146.1630, -37.5480, -13.3560.

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

146.1630, -37.5480, -13.3560

Protanopia

154.1680, -0.4130, 1.9790

Deuteranopia

155.0530, 1.6490, 8.6650



Tritanopia

147.1400, -38.7410, -8.2530

Trichromacy



Original Color

146.1630, -37.5480, -13.3560

Protanomaly

151.1770, -13.8000, -3.2080

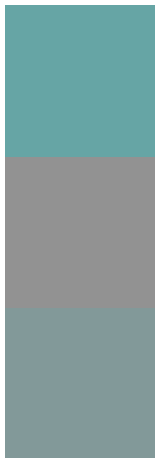
Deuteranomaly

151.8830, -12.7920, 0.5520

Tritanomaly

146.9720, -38.3280, -10.2320

Monochromacy



Original Color

146.1630, -37.5480, -13.3560

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1630, -37.5480, -13.3560 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(102, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(102, 165, 165)  
}
```

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(102, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 165, 165) }
```

Border

The CSS property to change the border of an element to YIQ 146.1630, -37.5480, -13.3560 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(102, 165, 165) }
```


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

```
.border{ border-color:rgb(102, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(102, 165,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1630, -37.5480, -13.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 165, 165) }
```

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

```
.background{ background-color: rgb(102,  
165, 165) }
```

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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