

Converting Colors

YIQ(145.1540, -42.4970,
-28.2970)

Have a look what the booklet for
YIQ(145.1540, -42.4970, -28.2970)
contains.

YIQ(145.1540, -42.4970, -28.2970)	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(145.1540, -42.4970,
-28.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	57AF90
RGB	87, 175, 144
RGB Percent	34%, 69%, 56%
CMY	0.6590, 0.3136, 0.4354
CMYK	0.50, 0.00, 0.18, 0.31
HSL	159°, 36%, 51%
HSV	159°, 50%, 69%
XYZ	24.2934, 34.7102, 31.7901
YIQ	145.1540, -42.4970, -28.2970

Conversions

Conversions Part 2

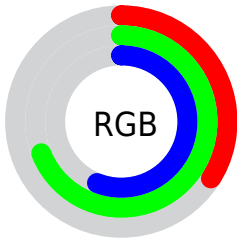
Format	Color
RYB	87, 140, 175
Decimal	5746576
CIELab	65.52, -34.08, 7.88
CIELCh	66, 34.976, 166.987
Yxy	34.7102, 0.2676, 0.3823
Android (android.graphics.Color)	4283936656 (0xFF57AF90)
YUV	145.1540, -0.5689, -51.0011
Hunter-Lab	58.9154, -29.4985, 9.2485

Details

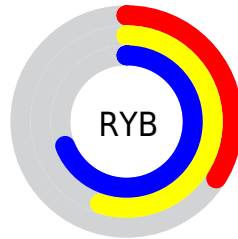
The YIQ color **145.1540, -42.4970, -28.2970** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **116.8460, 42.4970, 28.2970**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **200.6270, -42.4510, -29.1310**, and **90.1040, -48.2280, -29.0600** is the 20% darker color. If you saturate the color by 10%, you get **139.0880, -51.2990, -33.9790**, and if you desaturate by 10%, it is **150.9210, -34.2910, -22.8270**.

Distribution



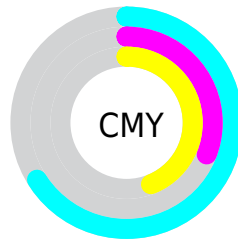
- Red (34%)
- Green (69%)
- Blue (56%)



- Red (34%)
- Yellow (55%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (31%)



- Cyan (66%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.1540, -42.4970, -28.2970 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 145.1540, -42.4970, -28.2970 by changing the saturation by 10% instead.

■ 145.1540,
-42.4970, -28.2970

■ 145.1540,
-42.4970, -28.2970

■ 255.0000, -0.0000,
-0.0000

■ 117.9690,
-43.4140, -28.1980

■ 200.6270,
-42.4510, -29.1310

■ 90.1040, -48.2280,
-29.0600

■ 226.2790,
-41.3510, -27.0390

■ 64.9190, -49.1450,
-28.9610

■ 238.1420,
-33.0550, -12.1830

■ 47.7360, -35.2080,
-22.7280

■ 246.9270,
-16.0920, -5.7240

■ 31.8410, -22.1420,
-17.2300

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,

0.0000

■ 145.1540,
-42.4970, -28.2970

■ 145.1540,
-42.4970, -28.2970

■ 139.0880,
-51.2990, -33.9790

■ 150.9210,
-34.2910, -22.8270

■ 133.3210,
-59.5050, -39.4490

■ 156.9870,
-25.4890, -17.1450

■ 127.1410,
-67.9860, -45.4420

■ 162.7540,
-17.2830, -11.6750

■ 121.3740,
-76.1920, -50.9120

■ 168.9340, -8.8020,
-5.6820

■ 115.6070,
-84.3980, -56.3820

■ 174.7010, -0.5960,
-0.2120

■ 180.7670, 8.2060,
5.4700

■ 186.5340, 16.4120,
10.9400

■ 192.6000, 25.2140,
16.6220

■ 198.4810, 33.0990,
22.4030

Harmonies

Analogous

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



151.4600, -8.2480, -26.7440



145.1540, -42.4970, -28.2970



136.8310, -78.0760, -27.7720

Triad

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



145.1540, -42.4970, -28.2970



159.2950, -27.9710, 16.8370



160.1510, 50.9830, 6.6550

Complementary

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



145.1540, -42.4970, -28.2970



116.8460, 42.4970, 28.2970

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.



161.5120, 49.0090, 20.4090



145.1540, -42.4970, -28.2970



163.4580, 5.5430, 26.2070

Square

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



145.1540, -42.4970, -28.2970



149.7310, -62.0340, 0.8940



163.0560, 33.0980, 27.9300



158.3910, 40.8990, -8.8370

Rectangle

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



145.1540, -42.4970, -28.2970



133.7510, -92.2900, -23.4740



163.0560, 33.0980, 27.9300



160.4980, 51.6240, 11.5600

Sweetspot

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



145.1540, -42.4970, -28.2970



215.4660, -16.4120, -10.9400



148.2240, -5.1280, -39.2400



107.8090, -9.9480, -6.9400



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



145.1540, -42.4970, -28.2970



180.8640, -65.6480, -43.7600



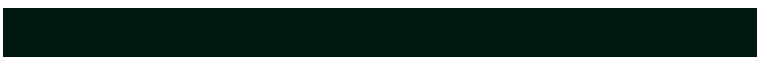
141.6440, -49.1480, -12.3800



83.9670, -4.4010, -2.8410



99.1080, -72.3870, -48.2830



15.2110, -11.1400, -7.3640

Inverse Universe

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



116.8460, 42.4970, 28.2970



137.1360, 65.6480, 43.7600



120.3560, 49.1480, 12.3800



81.0330, 4.4010, 2.8410



50.8920, 72.3870, 48.2830



7.7890, 11.1400, 7.3640

Previews

White Background



This preview shows how the YIQ color 145.1540, -42.4970, -28.2970 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 145.1540, -42.4970, -28.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

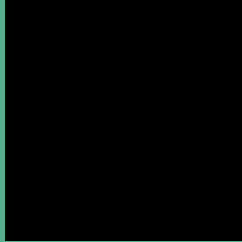
Any Text WCAG AA ✓ Pass

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 145.1540, -42.4970, -28.2970 Background



This preview shows how black text looks on a background with the YIQ color 145.1540, -42.4970, -28.2970.



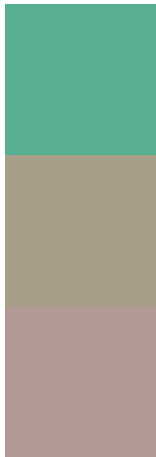
This preview shows how white text looks on a background with the YIQ color 145.1540, -42.4970, -28.2970.

-28.2970.

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

145.1540, -42.4970, -28.2970

Protanopia

157.7700, 12.1510, -5.4570

Deuteranopia

159.7200, 15.5880, 3.8440



Tritanopia

149.9540, -47.0850, -11.2210

Trichromacy



Original Color

145.1540, -42.4970, -28.2970

Protanomaly

152.9630, -7.7460, -13.8100

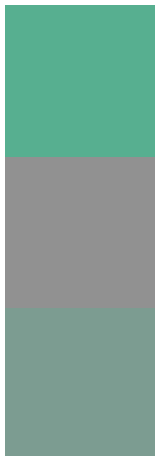
Deuteranomaly

154.3210, -5.6380, -7.9580

Tritanomaly

148.3360, -45.5250, -17.4690

Monochromacy



Original Color

145.1540, -42.4970, -28.2970

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.1780, -15.5410, -10.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.1540, -42.4970, -28.2970 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(87, 175, 144)` looks like.

```
.text, #text, p{  
    color:rgb(87, 175, 144)  
}
```

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(87, 175, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 175, 144) }
```

Border

The CSS property to change the border of an element to YIQ 145.1540, -42.4970, -28.2970 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(87, 175, 144) }
```


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

```
.border{ border-color:rgb(87, 175, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 175, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 175, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 175, 144);  
box-shadow:4px 4px 4px 4px rgb(87, 175,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 145.1540, -42.4970, -28.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 175, 144) }
```

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

```
.background{ background-color: rgb(87, 175,  
144) }
```

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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