

Converting Colors

YIQ(144.1790, -63.1220,
-67.5220)

Have a look what the booklet for
YIQ(144.1790, -63.1220, -67.5220)
contains.

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Color

**YIQ(144.1790, -63.1220,
-67.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	2ACD63
RGB	42, 205, 99
RGB Percent	16%, 80%, 39%
CMY	0.8357, 0.1958, 0.6119
CMYK	0.80, 0.00, 0.52, 0.20
HSL	141°, 66%, 48%
HSV	141°, 80%, 80%
XYZ	25.0478, 45.0851, 19.1758
YIQ	144.1790, -63.1220, -67.5220

Conversions

Conversions Part 2

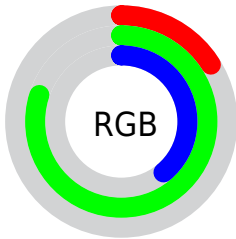
Format	Color
RYB	42, 163, 205
Decimal	2805091
CIELab	72.95, -62.83, 41.25
CIELCh	73, 75.165, 146.713
Yxy	45.0851, 0.2805, 0.5048
Android (android.graphics.Color)	4280995171 (0xFF2ACD63)
YUV	144.1790, -22.2732, -89.6110
Hunter-Lab	67.1455, -50.9172, 30.0695

Details

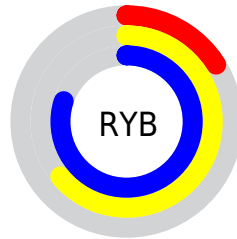
The YIQ color **144.1790, -63.1220, -67.5220** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **102.8210, 63.1220, 67.5220**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3980, -50.3770, -61.7130**, and **92.9350, -56.3830, -62.9990** is the 20% darker color. If you saturate the color by 10%, you get **136.4180, -71.4650, -76.0170**, and if you desaturate by 10%, it is **151.6410, -55.3750, -59.2390**.

Distribution



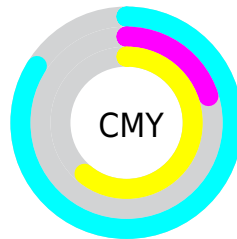
- Red (16%)
- Green (80%)
- Blue (39%)



- Red (16%)
- Yellow (64%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (52%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.1790, -63.1220, -67.5220 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 144.1790, -63.1220, -67.5220 by changing the saturation by 10% instead.

■ 144.1790,
-63.1220, -67.5220

■ 144.1790,
-63.1220, -67.5220

■ 255.0000, -0.0000,
-0.0000

■ 112.3350,
-72.4290, -69.5570

■ 201.3980,
-50.3770, -61.7130

■ 92.9350, -56.3830,
-62.9990

■ 213.7450,
-40.5680, -46.7440

■ 74.1220, -40.6120,
-56.9640

■ 226.2060,
-31.0800, -31.4640

■ 56.3520, -26.4000,
-50.2080

■ 238.4820,
-22.5090, -16.0850

■ 41.6770, -19.5250,
-37.1330

■ 249.9170,
-10.1320, -3.6040

■ 28.1760, -13.2000,
-25.1040

■ 10.5660, -4.9500,

-9.4140

■ 0.0000, 0.0000,
0.0000

■ 144.1790,
-63.1220, -67.5220

■ 144.1790,
-63.1220, -67.5220

■ 136.4180,
-71.4650, -76.0170

■ 151.6410,
-55.3750, -59.2390

■ 128.8420,
-78.8910, -84.6110

■ 159.5160,
-47.3530, -50.4330

■ 128.5430,
-79.4870, -84.8230

■ 166.9780,
-39.6060, -42.1500

■ 174.7390,
-31.2630, -33.6550

■ 182.3150,
-23.8370, -25.0610

■ 190.0760,
-15.4940, -16.5660

■ 197.5380, -7.7470,
-8.2830

■ 205.4130, 0.2750,
0.5230

■ 212.8750, 8.0220,
8.8060

Harmonies

Analogous

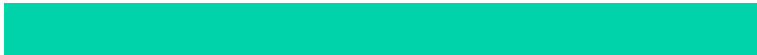
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163.2560, 26.2360, -56.9960



144.1790, -63.1220, -67.5220



143.1230, -112.2740, -57.7940

Triad

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



144.1790, -63.1220, -67.5220



140.0130, -133.8300, -19.5420



159.3050, 80.6890, 29.9770

Complementary

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



144.1790, -63.1220, -67.5220



102.8210, 63.1220, 67.5220

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.



163.0620, 60.4650, 55.0970



144.1790, -63.1220, -67.5220



174.0750, -29.8070, 28.0890

Square

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



144.1790, -63.1220, -67.5220



149.4050, -138.2300, -27.9100



183.3860, 33.5500, 63.8060



168.9010, 92.2490, -3.3270

Rectangle

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



144.1790, -63.1220, -67.5220



148.5950, -127.6820, -42.8660



183.3860, 33.5500, 63.8060



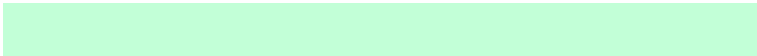
158.4050, 74.9560, 40.2680

Sweetspot

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



144.1790, -63.1220, -67.5220



232.2010, -23.5160, -25.3720



170.2720, 20.1390, -62.1410



114.0870, -14.0270, -15.6190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



144.1790, -63.1220, -67.5220



164.6300, -93.5140, -100.4420



153.1850, -88.4810, -42.9530



98.2120, -3.7130, -4.2970



104.0540, -64.2680, -68.7800



23.7880, -14.6230, -15.8310

Inverse Universe

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



102.8210, 63.1220, 67.5220



103.2560, 93.8350, 100.1310



93.8150, 88.4810, 42.9530



95.6740, 4.0340, 3.9860



61.9460, 64.2680, 68.7800



14.2120, 14.6230, 15.8310

Previews

White Background



This preview shows how the YIQ color 144.1790, -63.1220, -67.5220 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 144.1790, -63.1220, -67.5220 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 144.1790, -63.1220, -67.5220 Background



This preview shows how black text looks on a background with the YIQ color 144.1790, -63.1220, -67.5220.



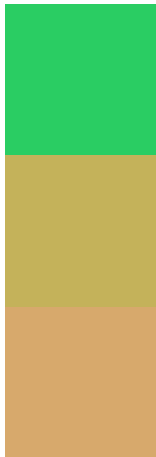
This preview shows how white text looks on a background with the YIQ color 144.1790, -63.1220, -67.5220.

-67.5220.

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

144.1790, -63.1220, -67.5220

Protanopia

173.3500, 38.9760, -23.5520

Deuteranopia

175.8000, 46.9970, -9.2190



Tritanopia

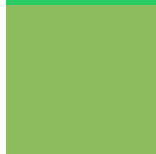
163.1300, -68.3120, -17.4960

Trichromacy



Original Color

144.1790, -63.1220, -67.5220



Protanomaly

162.8180, 1.8870, -39.7210



Deuteranomaly

164.2520, 6.8370, -30.3070



Tritanomaly

156.1340, -66.1080, -35.4200

Monochromacy



Original Color

144.1790, -63.1220, -67.5220



Achromatopsia

144.0000, -0.0000, 0.0000



Achromatomaly

144.0270, -22.9660, -24.3260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.1790, -63.1220, -67.5220 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(42, 205, 99)` looks like.

```
.text, #text, p{  
    color:rgb(42, 205, 99)  
}
```

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(42, 205, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 205, 99) }
```

Border

The CSS property to change the border of an element to YIQ 144.1790, -63.1220, -67.5220 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(42, 205, 99) }
```


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

```
.border{ border-color:rgb(42, 205, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 205, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 205, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 205, 99);  
box-shadow:4px 4px 4px 4px rgb(42, 205,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 144.1790, -63.1220, -67.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 205, 99) }
```

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

```
.background{ background-color: rgb(42, 205,  
99) }
```

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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