

Converting Colors

YIQ(138.1770, -33.2770,
-52.2290)

Have a look what the booklet for
YIQ(138.1770, -33.2770, -52.2290)
contains.

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Color

**YIQ(138.1770, -33.2770,
-52.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	4AB556
RGB	74, 181, 86
RGB Percent	29%, 71%, 34%
CMY	0.7101, 0.2900, 0.6628
CMYK	0.59, 0.00, 0.53, 0.29
HSL	127°, 42%, 50%
HSV	127°, 59%, 71%
XYZ	21.0300, 35.1903, 14.4850
YIQ	138.1770, -33.2770, -52.2290

Conversions

Conversions Part 2

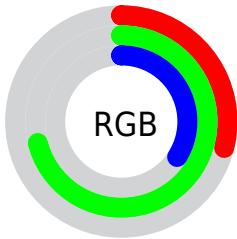
Format	Color
RYB	74, 170, 181
Decimal	4896086
CIELab	65.90, -50.59, 39.10
CIELCh	66, 63.939, 142.296
Yxy	35.1903, 0.2974, 0.4977
Android (android.graphics.Color)	4283086166 (0xFF4AB556)
YUV	138.1770, -25.7233, -56.2832
Hunter-Lab	59.3214, -40.5325, 27.0477

Details

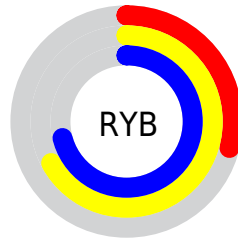
The YIQ color **138.1770, -33.2770, -52.2290** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **116.8230, 33.2770, 52.2290**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.9060, -31.0760, -53.5720**, and **78.6530, -46.4810, -55.2250** is the 20% darker color. If you saturate the color by 10%, you get **130.9710, -38.8690, -61.0210**, and if you desaturate by 10%, it is **145.3830, -27.6850, -43.4370**.

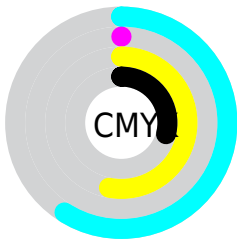
Distribution



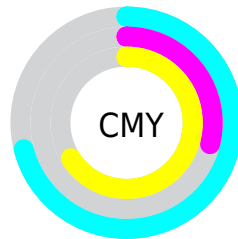
- Red (29%)
- Green (71%)
- Blue (34%)



- Red (29%)
- Yellow (67%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (53%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.1770, -33.2770, -52.2290 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 138.1770, -33.2770, -52.2290 by changing the saturation by 10% instead.

■ 138.1770,
-33.2770, -52.2290

■ 138.1770,
-33.2770, -52.2290

■ 255.0000, -0.0000,
-0.0000

■ 109.6110,
-37.4950, -52.8790

■ 194.9060,
-31.0760, -53.5720

■ 78.6530, -46.4810,
-55.2250

■ 216.6340,
-27.1340, -47.9180

■ 60.1990, -30.3430,
-50.3350

■ 228.3830,
-18.5170, -33.3730

■ 44.6120, -20.9000,
-39.7480

■ 240.3600,
-10.5420, -18.2060

■ 30.5240, -14.3000,
-27.1960

■ 252.5220, -1.6500,
-3.1380

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,

0.0000

■ 138.1770,
-33.2770, -52.2290

■ 138.1770,
-33.2770, -52.2290

■ 130.9710,
-38.8690, -61.0210

■ 145.3830,
-27.6850, -43.4370

■ 123.7650,
-44.4610, -69.8130

■ 152.5890,
-22.0930, -34.6450

■ 116.5590,
-50.0530, -78.6050

■ 159.7950,
-16.5010, -25.8530

■ 109.3530,
-55.6450, -87.3970

■ 167.0010,
-10.9090, -17.0610

■ 108.5270,
-56.1950, -88.4430

■ 174.2070, -5.3170,
-8.2690

■ 181.7120, 0.8710,
0.7350

■ 188.9180, 6.4630,
9.5270

■ 196.2380, 11.7340,
18.6300

■ 203.4440, 17.3260,
27.4220

Harmonies

Analogous

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



148.8300, 27.9760, -44.4720



138.1770, -33.2770, -52.2290



126.0710, -97.3280, -53.3280

Triad

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



138.1770, -33.2770, -52.2290



129.4470, -128.8800, -10.1280



153.9080, 83.4850, 34.3730

Complementary

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



138.1770, -33.2770, -52.2290



116.8230, 33.2770, 52.2290

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.



159.2320, 65.7380, 53.1460



138.1770, -33.2770, -52.2290



157.4740, -44.1120, 28.5280

Square

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



138.1770, -33.2770, -52.2290



135.9210, -130.5750, -17.9590



164.5810, 19.3390, 51.5230



156.3600, 86.8830, 5.8190

Rectangle

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



138.1770, -33.2770, -52.2290



131.2180, -110.4430, -41.4110



164.5810, 19.3390, 51.5230



154.3130, 78.2110, 41.8510

Sweetspot

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



138.1770, -33.2770, -52.2290



217.8110, -13.4300, -20.9340



165.5130, 27.7910, -35.6090



106.6040, -8.1130, -12.6650



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



138.1770, -33.2770, -52.2290



168.1950, -52.0240, -81.4320



144.1050, -49.9690, -36.0570



85.3970, -2.7960, -4.3960



91.7490, -47.5320, -74.7320



15.6040, -8.1130, -12.6650

Inverse Universe

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



116.8230, 33.2770, 52.2290



134.8050, 52.0240, 81.4320



110.8950, 49.9690, 36.0570



83.6030, 2.7960, 4.3960



61.2510, 47.5320, 74.7320



10.3960, 8.1130, 12.6650

Previews

White Background



This preview shows how the YIQ color 138.1770, -33.2770, -52.2290 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 138.1770, -33.2770, -52.2290 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 138.1770, -33.2770, -52.2290 Background



This preview shows how black text looks on a background with the YIQ color 138.1770, -33.2770, -52.2290.



This preview shows how white text looks on a background with the YIQ color 138.1770, -33.2770, -52.2290.

-52.2290.

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

138.1770, -33.2770, -52.2290

Protanopia

154.9630, 35.8120, -21.2760

Deuteranopia

157.6470, 43.0540, -9.3460



Tritanopia

150.3670, -46.8100, -10.6980

Trichromacy



Original Color

138.1770, -33.2770, -52.2290

Protanomaly

148.9380, 10.5970, -32.3710

Deuteranomaly

150.9050, 15.3640, -25.1480

Tritanomaly

145.9200, -41.7180, -25.8940

Monochromacy



Original Color

138.1770, -33.2770, -52.2290

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.3490, -12.0090, -19.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.1770, -33.2770, -52.2290 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(74, 181, 86)` looks like.

```
.text, #text, p{  
    color:rgb(74, 181, 86)  
}
```

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(74, 181, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 181, 86) }
```

Border

The CSS property to change the border of an element to YIQ 138.1770, -33.2770, -52.2290 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(74, 181, 86) }
```


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

```
.border{ border-color:rgb(74, 181, 86) }
```

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

Here you see how a box with a 4 pixel rgb(74, 181, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 181, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 181, 86);  
box-shadow:4px 4px 4px 4px rgb(74, 181,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 138.1770, -33.2770, -52.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 181, 86) }
```

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

```
.background{ background-color: rgb(74, 181,  
86) }
```

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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