

Converting Colors

YIQ(174.9290, 22.8430,
-56.0770)

Have a look what the booklet for
YIQ(174.9290, 22.8430, -56.0770)
contains.

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Color

**YIQ(174.9290, 22.8430,
-56.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	A2CD36
RGB	162, 205, 54
RGB Percent	64%, 80%, 21%
CMY	0.3649, 0.1960, 0.7880
CMYK	0.21, 0.00, 0.74, 0.20
HSL	77°, 60%, 51%
HSV	77°, 74%, 80%
XYZ	37.3928, 51.6141, 11.4883
YIQ	174.9290, 22.8430, -56.0770

Conversions

Conversions Part 2

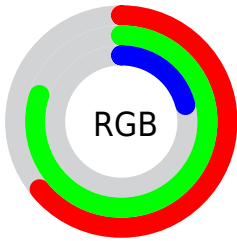
Format	Color
RYB	54, 205, 97
Decimal	10669366
CIELab	77.05, -34.71, 65.92
CIElCh	77, 74.501, 117.765
Yxy	51.6141, 0.3721, 0.5136
Android (android.graphics.Color)	4288859446 (0xFFA2CD36)
YUV	174.9290, -59.6180, -11.3387
Hunter-Lab	71.8429, -32.8196, 40.8091

Details

The YIQ color **174.9290, 22.8430, -56.0770** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **84.0710, -22.8430, 56.0770**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.1190, 25.3640, -52.2040**, and **120.3310, 21.6510, -56.5010** is the 20% darker color. If you saturate the color by 10%, you get **170.8550, 25.6870, -63.5690**, and if you desaturate by 10%, it is **179.1170, 19.6780, -48.2740**.

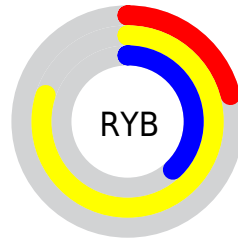
Distribution



Red (64%)

Green (80%)

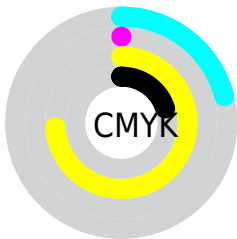
Blue (21%)



Red (21%)

Yellow (80%)

Blue (38%)

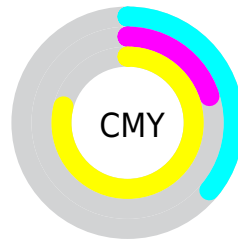


Cyan (21%)

Magenta (0%)

Yellow (74%)

Black (20%)



Cyan (36%)


Magenta (20%)


Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.9290, 22.8430, -56.0770 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 174.9290, 22.8430, -56.0770 by changing the saturation by 10% instead.


 174.9290, 22.8430,
-56.0770


 174.9290, 22.8430,
-56.0770


255.0000, -0.0000,
-0.0000


 145.9030, 25.7320,
-58.8760

 228.1190, 25.3640,
-52.2040


 120.3310, 21.6510,
-56.5010


 240.2810, 34.2560,
-37.1360

 96.6970, 12.1130,
-48.8390


 244.9680, 28.2480,
-27.3680

 73.3620, 3.1710,
-40.9650

 248.2740, 18.9390,
-18.3490

 49.4070, -9.8970,
-35.4090

 251.5800, 9.6300,
-9.3300

 30.5240, -14.3000,
-27.1960

254.8860, 0.3210,

 18.7840, -8.8000,

-0.3110

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 174.9290, 22.8430,
-56.0770

■ 174.9290, 22.8430,
-56.0770

■ 170.8550, 25.6870,
-63.5690

■ 179.1170, 19.6780,
-48.2740

■ 166.6670, 28.8520,
-71.3720

■ 183.1910, 16.8340,
-40.7820

■ 164.2880, 31.2370,
-76.0510

■ 187.0800, 13.0730,
-33.1910

■ 191.1540, 10.2290,
-25.6990

■ 195.3420, 7.0640,
-17.8960

■ 199.4160, 4.2200,
-10.4040

■ 203.6040, 1.0550,
-2.6010

■ 207.6780, -1.7890,
4.8910

■ 211.8660, -4.9540,
12.6940

Harmonies

Analogous

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



181.0130, 75.9330, -38.0430



174.9290, 22.8430, -56.0770



157.0050, -62.5720, -66.4760

Triad

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



174.9290, 22.8430, -56.0770



155.8620, -141.2550, -33.6630



171.6050, 54.3220, 50.7860

Complementary

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



174.9290, 22.8430, -56.0770



84.0710, -22.8430, 56.0770

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.



189.8430, 30.5250, 58.0530



174.9290, 22.8430, -56.0770



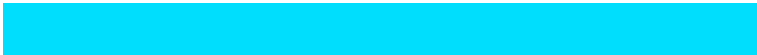
146.4700, -136.8550, -25.2950

Square

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



174.9290, 22.8430, -56.0770



159.1560, -142.2630, -37.4230



185.0280, -22.4250, 26.4630



168.5490, 73.9500, 25.4540

Rectangle

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



174.9290, 22.8430, -56.0770



147.8530, -111.8140, -66.1340



185.0280, -22.4250, 26.4630



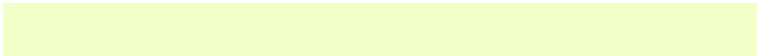
176.6890, 45.5180, 56.1580

Sweetspot

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



174.9290, 22.8430, -56.0770



243.8320, 8.4400, -20.8080



124.3900, 78.1710, 9.5230



121.1340, 4.9540, -12.6940



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.



174.9290, 22.8430, -56.0770



210.3280, 33.7600, -83.2320



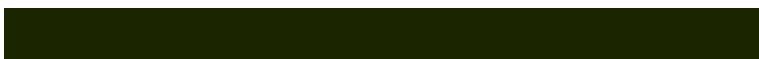
152.5040, -21.8570, -71.9770



99.9630, 1.4220, -3.7460



132.7240, 24.6780, -61.8020



30.3790, 5.6420, -14.1500

Inverse Universe

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



84.0710, -22.8430, 56.0770



75.6720, -33.7600, 83.2320



106.4960, 21.8570, 71.9770



94.0370, -1.4220, 3.7460



32.9770, -25.2740, 61.5900



7.6210, -5.6420, 14.1500

Previews

White Background



This preview shows how the YIQ color 174.9290, 22.8430, -56.0770 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 174.9290, 22.8430, -56.0770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

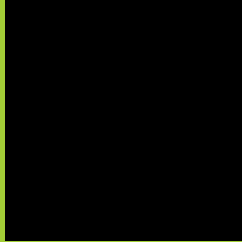
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 174.9290, 22.8430, -56.0770

Background



This preview shows how black text looks on a background with the YIQ color 174.9290, 22.8430, -56.0770.



This preview shows how white text looks on a background with the YIQ color 174.9290, 22.8430, -56.0770.

-56.0770.

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

174.9290, 22.8430, -56.0770

Protanopia

180.9170, 58.6480, -38.6640

Deuteranopia

183.8190, 71.2080, -23.9920



Tritanopia

189.1220, -11.9670, 2.1210

Trichromacy



Original Color

174.9290, 22.8430, -56.0770

Protanomaly

178.2850, 45.6280, -44.9960

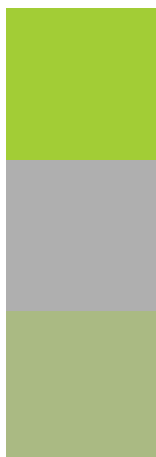
Deuteranomaly

180.5730, 53.9250, -35.6670

Tritanomaly

183.9930, 0.7370, -18.8710

Monochromacy



Original Color

174.9290, 22.8430, -56.0770

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9460, 8.1190, -20.4970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.9290, 22.8430, -56.0770 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(162, 205, 54)` looks like.

```
.text, #text, p{  
    color:rgb(162, 205, 54)  
}
```

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(162, 205, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 205, 54) }
```

Border

The CSS property to change the border of an element to YIQ 174.9290, 22.8430, -56.0770 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(162, 205, 54) }
```


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

```
.border{ border-color:rgb(162, 205, 54) }
```

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

Here you see how a box with a 4 pixel rgb(162, 205, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 205, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 205, 54);  
box-shadow:4px 4px 4px 4px rgb(162, 205,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 174.9290, 22.8430, -56.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 205, 54) }
```

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

```
.background{ background-color: rgb(162,  
205, 54) }
```

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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