

Converting Colors

YIQ(195.6590, 24.4440,
-35.5240)

Have a look what the booklet for
YIQ(195.6590, 24.4440, -35.5240)
contains.

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Color

**YIQ(195.6590, 24.4440,
-35.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D46C
RGB	197, 212, 108
RGB Percent	77%, 83%, 42%
CMY	0.2276, 0.1686, 0.5763
CMYK	0.07, 0.00, 0.49, 0.17
HSL	69°, 55%, 63%
HSV	69°, 49%, 83%
XYZ	49.2734, 60.0405, 23.1920
YIQ	195.6590, 24.4440, -35.5240

Conversions

Conversions Part 2

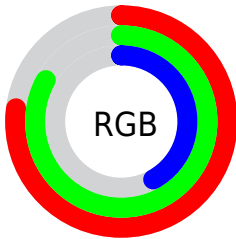
Format	Color
RYB	108, 212, 123
Decimal	12964972
CIELab	81.86, -20.15, 49.28
CIELCh	82, 53.242, 112.237
Yxy	60.0405, 0.3719, 0.4531
Android (android.graphics.Color)	4291155052 (0xFFC5D46C)
YUV	195.6590, -43.2159, 1.1761
Hunter-Lab	77.4858, -22.0916, 36.4942

Details

The YIQ color **195.6590, 24.4440, -35.5240** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **124.3410, -24.4440, 35.5240**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.3980, 29.8530, -28.9230**, and **140.7020, 22.8850, -34.8030** is the 20% darker color. If you saturate the color by 10%, you get **192.3680, 29.3970, -42.6910**, and if you desaturate by 10%, it is **198.9500, 19.4910, -28.3570**.

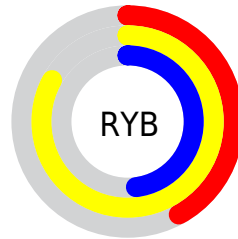
Distribution



Red (77%)

Green (83%)

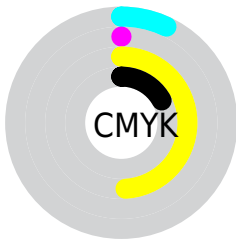
Blue (42%)



Red (42%)

Yellow (83%)

Blue (48%)

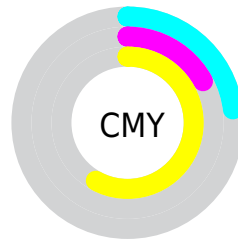


Cyan (7%)

Magenta (0%)

Yellow (49%)

Black (17%)



Cyan (23%)

Magenta (17%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6590, 24.4440, -35.5240 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 195.6590, 24.4440, -35.5240 by changing the saturation by 10% instead.

■ 195.6590, 24.4440,
-35.5240

■ 195.6590, 24.4440,
-35.5240

■ 255.0000, -0.0000,
-0.0000

■ 167.8870, 23.8020,
-34.9020

■ 244.3980, 29.8530,
-28.9230

■ 140.7020, 22.8850,
-34.8030

■ 247.4760, 21.1860,
-20.5260

■ 114.2890, 22.6100,
-35.3260

■ 250.7820, 11.8770,
-11.5070

■ 88.5340, 23.2980,
-36.7820

■ 254.0880, 2.5680,
-2.4880

■ 66.9710, 14.9980,
-29.5300

■ 45.6960, 5.8270,
-23.0130

■ 25.0080, -3.6190,

-17.0190

■ 7.6310, -3.5750,
-6.7990

■ 0.0000, 0.0000,
0.0000

■ 195.6590, 24.4440,
-35.5240

■ 195.6590, 24.4440,
-35.5240

■ 192.3680, 29.3970,
-42.6910

■ 198.9500, 19.4910,
-28.3570

■ 189.0770, 34.3500,
-49.8580

■ 202.2410, 14.5380,
-21.1900

■ 185.6720, 39.6240,
-57.3360

■ 205.6460, 9.2640,
-13.7120

■ 182.3810, 44.5770,
-64.5030

■ 208.9370, 4.3110,
-6.5450

■ 179.0900, 49.5300,
-71.6700

■ 212.2280, -0.6420,
0.6220

■ 178.5630, 49.5760,
-72.5040

■ 215.5190, -5.5950,
7.7890

■ 218.6960,
-10.2270, 14.6450

■ 219.8920, -7.8430,
15.4930

■ 220.7890, -6.0550,
16.1290

Harmonies

Analogous

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



200.0490, 59.0570, -18.5350



195.6590, 24.4440, -35.5240



188.1230, -24.0170, -43.8330

Triad

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



195.6590, 24.4440, -35.5240



160.5580, -143.4550, -37.8470



197.4790, 36.5810, 36.3970

Complementary

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



195.6590, 24.4440, -35.5240



124.3410, -24.4440, 35.5240

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.



208.0290, 20.5330, 40.8930



195.6590, 24.4440, -35.5240



180.1140, -88.5780, -13.6500

Square

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



195.6590, 24.4440, -35.5240



161.7830, -140.0150, -45.1270



199.7470, -23.4320, 17.1760



192.2520, 52.6770, 20.0130

Rectangle

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



195.6590, 24.4440, -35.5240



178.7560, -65.4640, -47.0960



199.7470, -23.4320, 17.1760



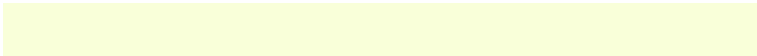
201.0640, 30.6200, 39.8040

Sweetspot

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



195.6590, 24.4440, -35.5240



248.8740, 8.6220, -13.0900



147.3140, 58.1340, 14.7260



124.1820, 4.9990, -8.0010



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.



195.6590, 24.4440, -35.5240



231.3220, 35.0380, -51.3140



180.4100, -5.9520, -46.3360



105.4470, 2.9350, -3.6330



144.0310, 39.9910, -58.4810



36.3040, 10.2270, -14.6450

Inverse Universe

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



124.3410, -24.4440, 35.5240



128.3790, -35.6340, 51.1020



139.5900, 5.9520, 46.3360



97.8520, -2.3390, 3.8450



26.9690, -39.9910, 58.4810



6.6960, -10.2270, 14.6450

Previews

White Background



This preview shows how the YIQ color 195.6590, 24.4440, -35.5240 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 195.6590, 24.4440, -35.5240 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 195.6590, 24.4440, -35.5240

Background



This preview shows how black text looks on a background with the YIQ color 195.6590, 24.4440, -35.5240.



This preview shows how white text looks on a background with the YIQ color 195.6590, 24.4440,

-35.5240.

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

195.6590, 24.4440, -35.5240

Protanopia

198.1070, 43.9740, -26.0260

Deuteranopia

200.9120, 58.1850, -13.7430



Tritanopia

204.5150, 0.2280, 6.8840

Trichromacy



Original Color

195.6590, 24.4440, -35.5240

Protanomaly

196.9920, 36.8680, -29.4040

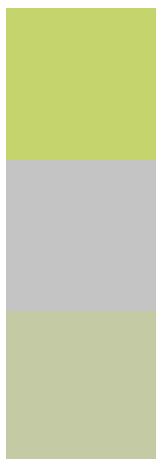
Deuteranomaly

199.1120, 45.5780, -22.0540

Tritanomaly

201.2210, 9.2630, -8.1850

Monochromacy



Original Color

195.6590, 24.4440, -35.5240

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8740, 8.6220, -13.0900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6590, 24.4440, -35.5240 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(197, 212, 108)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 108)  
}
```

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(197, 212, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 108) }
```

Border

The CSS property to change the border of an element to YIQ 195.6590, 24.4440, -35.5240 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(197, 212, 108) }
```


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

```
.border{ border-color:rgb(197, 212, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 212, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 108);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6590, 24.4440, -35.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 108) }
```

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

```
.background{ background-color: rgb(197,  
212, 108) }
```

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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