

Converting Colors

YIQ(154.2750, -20.6150,
-94.4950)

Have a look what the booklet for
YIQ(154.2750, -20.6150, -94.4950)
contains.

YIQ(154.2750, -20.6150, -94.4950)	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(154.2750, -20.6150,
-94.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	4CDD10
RGB	76, 221, 16
RGB Percent	30%, 87%, 6%
CMY	0.7024, 0.1331, 0.9371
CMYK	0.66, 0.00, 0.93, 0.13
HSL	102°, 86%, 46%
HSV	102°, 93%, 87%
XYZ	28.9370, 53.3138, 9.2564
YIQ	154.2750, -20.6150, -94.4950

Conversions

Conversions Part 2

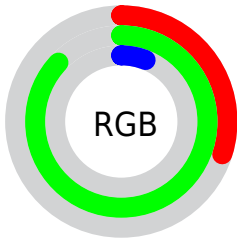
Format	Color
RYB	16, 221, 161
Decimal	5037328
CIELab	78.06, -69.07, 74.23
CIElCh	78, 101.393, 132.936
Yxy	53.3138, 0.3162, 0.5826
Android (android.graphics.Color)	4283227408 (0xFF4CDD10)
YUV	154.2750, -68.1696, -68.6472
Hunter-Lab	73.0163, -57.0375, 43.5951

Details

The YIQ color **154.2750, -20.6150, -94.4950** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **82.7250, 20.6150, 94.4950**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7020, -13.7870, -75.0590**, and **96.2680, -45.1000, -85.7720** is the 20% darker color. If you saturate the color by 10%, you get **149.1620, -22.0350, -101.8030**, and if you desaturate by 10%, it is **161.5670, -18.1410, -84.2610**.

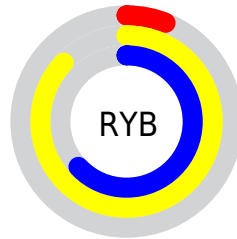
Distribution



Red (30%)

Green (87%)

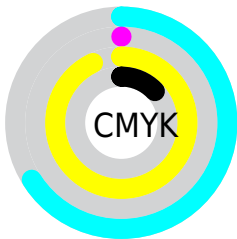
Blue (6%)



Red (6%)

Yellow (87%)

Blue (63%)

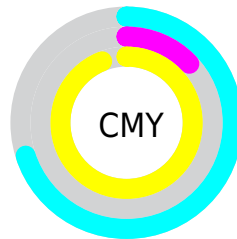


Cyan (66%)

Magenta (0%)

Yellow (93%)

Black (13%)



Cyan (70%)

Magenta (13%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.2750, -20.6150, -94.4950 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 154.2750, -20.6150, -94.4950 by changing the saturation by 10% instead.

■ 154.2750,
-20.6150, -94.4950

■ 154.2750,
-20.6150, -94.4950

■ 255.0000, -0.0000,
-0.0000

■ 121.3750,
-35.5160, -94.2680

■ 202.7020,
-13.7870, -75.0590

■ 96.2680, -45.1000,
-85.7720

■ 215.2770, -4.6200,
-59.4680

■ 80.4190, -37.6750,
-71.6510

■ 227.8520, 4.5470,
-43.8770

■ 64.5700, -30.2500,
-57.5300

■ 240.4270, 13.7140,
-28.2860

■ 49.8950, -23.3750,
-44.4550

■ 249.4140, 15.7290,
-15.2390

■ 35.2200, -16.5000,
-31.3800

■ 252.8340, 6.0990,

■ 20.5450, -9.6250,

-5.9090

-18.3050

■ 0.0000, 0.0000,
0.0000

■ 154.2750,
-20.6150, -94.4950

■ 154.2750,
-20.6150, -94.4950

■ 149.1620,
-22.0350, -101.8030

■ 161.5670,
-18.1410, -84.2610

■ 168.5600,
-16.2630, -74.2390

■ 175.8520,
-13.7890, -64.0050

■ 182.8450,
-11.9110, -53.9830

■ 190.2510, -9.7580,
-43.4380

■ 197.5430, -7.2840,
-33.2040

■ 204.5360, -5.4060,
-23.1820

■ 211.8280, -2.9320,
-12.9480

■ 219.1200, -0.4580,
-2.7140

Harmonies

Analogous

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



176.8790, 60.6700, -64.3060



154.2750, -20.6150, -94.4950



150.8730, -106.5390, -79.1390

Triad

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



154.2750, -20.6150, -94.4950



157.6230, -142.0800, -35.2320



138.1680, 80.9580, 63.6620

Complementary

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



154.2750, -20.6150, -94.4950



82.7250, 20.6150, 94.4950

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.



158.8630, 46.1090, 84.0050



154.2750, -20.6150, -94.4950



141.1870, -134.3800, -20.5880

Square

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



154.2750, -20.6150, -94.4950



164.6670, -145.3800, -41.5080



188.0270, 24.0150, 54.8870



154.7960, 97.5190, 11.3030

Rectangle

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



154.2750, -20.6150, -94.4950



160.1580, -128.5500, -60.1820



188.0270, 24.0150, 54.8870



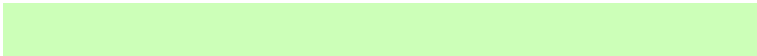
139.3540, 72.1070, 75.3950

Sweetspot

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



154.2750, -20.6150, -94.4950



231.6570, -7.6050, -32.8930



161.8230, 82.5800, -31.8520



113.7150, -4.3520, -20.2560



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.



154.2750, -20.6150, -94.4950



171.8110, -26.0210, -117.6770



141.0090, -69.5360, -94.4640



106.3540, -1.2370, -5.1170



116.8000, -17.1790, -79.6670



30.8890, -4.9020, -21.3020

Inverse Universe

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



82.7250, 20.6150, 94.4950



83.1890, 26.0210, 117.6770



95.9910, 69.5360, 94.4640



102.3470, 0.6410, 4.9050



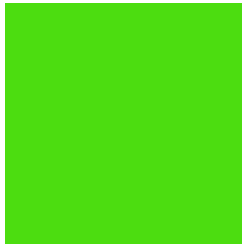
56.4990, 17.7750, 79.8790



15.1110, 4.9020, 21.3020

Previews

White Background



This preview shows how the YIQ color 154.2750, -20.6150, -94.4950 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 154.2750, -20.6150, -94.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

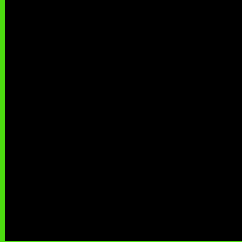
Any Text WCAG AA ✓ Pass

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 154.2750, -20.6150, -94.4950 Background



This preview shows how black text looks on a background with the YIQ color 154.2750, -20.6150, -94.4950.



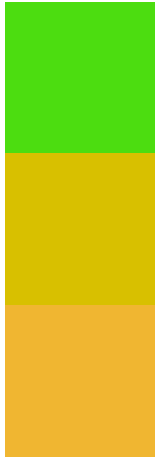
This preview shows how white text looks on a background with the YIQ color 154.2750, -20.6150, -94.4950.

-94.4950.

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

154.2750, -20.6150, -94.4950

Protanopia

177.2880, 75.9360, -54.6240

Deuteranopia

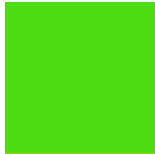
184.1800, 77.2610, -29.0670



Tritanopia

180.9140, -58.7760, -14.1040

Trichromacy



Original Color

154.2750, -20.6150, -94.4950



Protanomaly

169.1800, 40.5890, -69.3230



Deuteranomaly

173.0900, 41.5030, -52.8410



Tritanomaly

170.8140, -45.0160, -43.2240

Monochromacy



Original Color

154.2750, -20.6150, -94.4950



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

154.0160, -7.2380, -34.0380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2750, -20.6150, -94.4950 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(76, 221, 16)` looks like.

```
.text, #text, p{  
    color:rgb(76, 221, 16)  
}
```

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(76, 221, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 221, 16) }
```

Border

The CSS property to change the border of an element to YIQ 154.2750, -20.6150, -94.4950 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(76, 221, 16) }
```


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

```
.border{ border-color:rgb(76, 221, 16) }
```

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

Here you see how a box with a 4 pixel rgb(76, 221, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 221, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 221, 16);  
box-shadow:4px 4px 4px 4px rgb(76, 221,  
16) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2750, -20.6150, -94.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 221, 16) }
```

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

```
.background{ background-color: rgb(76, 221,  
16) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor