

Converting Colors

YIQ(151.1040, -24.1470,
-85.5470)

Have a look what the booklet for
YIQ(151.1040, -24.1470, -85.5470)
contains.

YIQ(151.1040, -24.1470, -85.5470)	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(151.1040, -24.1470,
-85.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	4BD520
RGB	75, 213, 32
RGB Percent	29%, 84%, 13%
CMY	0.7063, 0.1645, 0.8744
CMYK	0.65, 0.00, 0.85, 0.16
HSL	106°, 74%, 48%
HSV	106°, 85%, 84%
XYZ	26.9624, 49.2131, 9.4453
YIQ	151.1040, -24.1470, -85.5470

Conversions

Conversions Part 2

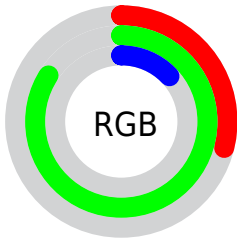
Format	Color
RYB	32, 213, 170
Decimal	4969760
CIELab	75.58, -66.23, 69.37
CIELCh	76, 95.905, 133.673
Yxy	49.2131, 0.3149, 0.5748
Android (android.graphics.Color)	4283159840 (0xFF4BD520)
YUV	151.1040, -58.7183, -66.7432
Hunter-Lab	70.1521, -54.1609, 41.1236

Details

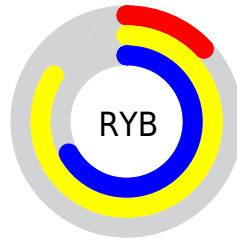
The YIQ color **151.1040, -24.1470, -85.5470** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **93.8960, 24.1470, 85.5470**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.4890, -17.5010, -73.8290**, and **92.1590, -43.1750, -82.1110** is the 20% darker color. If you saturate the color by 10%, you get **143.9260, -26.9420, -95.4700**, and if you desaturate by 10%, it is **158.2820, -21.3520, -75.6240**.

Distribution



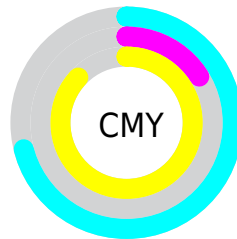
- Red (29%)
- Green (84%)
- Blue (13%)



- Red (13%)
- Yellow (84%)
- Blue (67%)



- Cyan (65%)
- Magenta (0%)
- Yellow (85%)
- Black (16%)



- Cyan (71%)
- Magenta (16%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.1040, -24.1470, -85.5470 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 151.1040, -24.1470, -85.5470 by changing the saturation by 10% instead.

■ 151.1040,
-24.1470, -85.5470

■ 151.1040,
-24.1470, -85.5470

■ 255.0000, -0.0000,
-0.0000

■ 117.8640,
-32.3990, -90.1830

■ 202.4890,
-17.5010, -73.8290

■ 92.1590, -43.1750,
-82.1110

■ 214.9500, -8.0130,
-58.5490

■ 76.3100, -35.7500,
-67.9900

■ 227.5250, 1.1540,
-42.9580

■ 60.4610, -28.3250,
-53.8690

■ 239.6870, 10.0460,
-27.8900

■ 45.7860, -21.4500,
-40.7940

■ 249.9840, 14.1240,
-13.6840

■ 32.2850, -15.1250,
-28.7650

■ 253.2900, 4.8150,

■ 16.4360, -7.7000,

-4.6650

-14.6440

■ 0.0000, 0.0000,
0.0000

■ 151.1040,
-24.1470, -85.5470

■ 151.1040,
-24.1470, -85.5470

■ 143.9260,
-26.9420, -95.4700

■ 158.2820,
-21.3520, -75.6240

■ 139.9810,
-28.7750, -100.7990


■ 165.5740,
-18.8780, -65.3900

■ 173.0510,
-15.4870, -55.2550


■ 180.2290,
-12.6920, -45.3320

■ 187.5210,
-10.2180, -35.0980

 194.6990, -7.4230,
-25.1750

 202.1760, -4.0320,
-15.0400

 209.3540, -1.2370,
-5.1170

 216.6460, 1.2370,
5.1170

Harmonies

Analogous

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



170.3780, 57.8270, -62.3410



151.1040, -24.1470, -85.5470



145.4760, -103.7430, -74.7430

Triad

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



151.1040, -24.1470, -85.5470



152.3400, -139.6050, -30.5250



140.3050, 81.8300, 58.8700

Complementary

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



151.1040, -24.1470, -85.5470



93.8960, 24.1470, 85.5470

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.



157.9680, 50.0070, 79.4390



151.1040, -24.1470, -85.5470



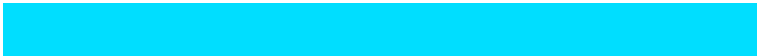
137.0780, -132.4550, -16.9270

Square

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



151.1040, -24.1470, -85.5470



159.3840, -142.9050, -36.8010



183.2980, 21.8140, 56.2300



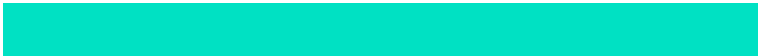
154.6820, 97.8400, 10.9920

Rectangle

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



151.1040, -24.1470, -85.5470



154.3050, -124.4700, -57.0300



183.2980, 21.8140, 56.2300



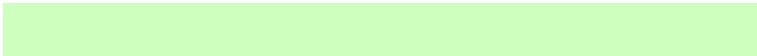
141.8500, 73.3460, 69.4580

Sweetspot

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



151.1040, -24.1470, -85.5470



233.0530, -8.6600, -30.2920



165.9510, 70.4760, -32.7560



114.5840, -5.3610, -18.4890



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.



151.1040, -24.1470, -85.5470



167.6250, -34.3650, -120.6450



143.3770, -64.2200, -80.6680



103.3540, -1.2370, -5.1170



112.3370, -23.1850, -80.9530



28.2310, -5.8650, -20.3690

Inverse Universe

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



93.8960, 24.1470, 85.5470



87.3750, 34.3650, 120.6450



101.6230, 64.2200, 80.6680



99.9450, 1.8330, 5.3290



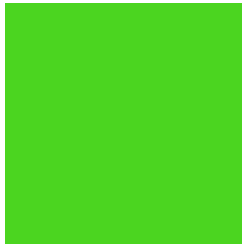
58.3640, 22.5890, 80.7410



14.7690, 5.8650, 20.3690

Previews

White Background



This preview shows how the YIQ color 151.1040, -24.1470, -85.5470 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 151.1040, -24.1470, -85.5470 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 151.1040, -24.1470, -85.5470 Background



This preview shows how black text looks on a background with the YIQ color 151.1040, -24.1470, -85.5470.



This preview shows how white text looks on a background with the YIQ color 151.1040, -24.1470, -85.5470.

-85.5470.

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

151.1040, -24.1470, -85.5470

Protanopia

173.5230, 65.3890, -45.1950

Deuteranopia

178.2490, 72.8130, -25.5470



Tritanopia

174.4090, -55.7960, -13.0440

Trichromacy



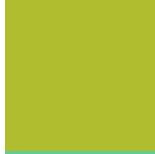
Original Color

151.1040, -24.1470, -85.5470



Protanomaly

165.3830, 33.0680, -59.6680



Deuteranomaly

168.5120, 37.5590, -47.4410



Tritanomaly

165.6340, -44.3290, -39.1530

Monochromacy



Original Color

151.1040, -24.1470, -85.5470



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.2270, -9.2100, -31.3380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.1040, -24.1470, -85.5470 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(75, 213, 32)` looks like.

```
.text, #text, p{  
    color:rgb(75, 213, 32)  
}
```

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(75, 213, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 213, 32) }
```

Border

The CSS property to change the border of an element to YIQ 151.1040, -24.1470, -85.5470 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(75, 213, 32) }
```


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

```
.border{ border-color:rgb(75, 213, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 213, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 213, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 213, 32);  
box-shadow:4px 4px 4px 4px rgb(75, 213,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 151.1040, -24.1470, -85.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 213, 32) }
```

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

```
.background{ background-color: rgb(75, 213,  
32) }
```

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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