

Converting Colors

YIQ(152.0090, -7.6420,
-81.8020)

Have a look what the booklet for
YIQ(152.0090, -7.6420, -81.8020)
contains.

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Color

**YIQ(152.0090, -7.6420,
-81.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	5ECF15
RGB	94, 207, 21
RGB Percent	37%, 81%, 8%
CMY	0.6318, 0.1880, 0.9175
CMYK	0.55, 0.00, 0.90, 0.19
HSL	96°, 82%, 45%
HSV	96°, 90%, 81%
XYZ	27.0659, 47.0772, 8.3712
YIQ	152.0090, -7.6420, -81.8020

Conversions

Conversions Part 2

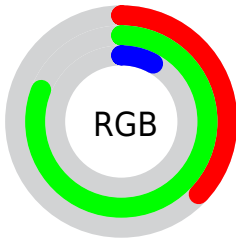
Format	Color
RYB	21, 207, 134
Decimal	6213397
CIELab	74.24, -60.01, 70.54
CIELCh	74, 92.614, 130.388
Yxy	47.0772, 0.3280, 0.5705
Android (android.graphics.Color)	4284403477 (0xFF5ECF15)
YUV	152.0090, -64.5874, -50.8739
Hunter-Lab	68.6128, -49.6590, 40.7952

Details

The YIQ color **152.0090, -7.6420, -81.8020** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **75.9910, 7.6420, 81.8020**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.1760, -6.3140, -72.8260**, and **91.0290, -36.7570, -77.2770** is the 20% darker color. If you saturate the color by 10%, you get **145.7280, -8.6490, -91.0890**, and if you desaturate by 10%, it is **157.9910, -7.2310, -72.7270**.

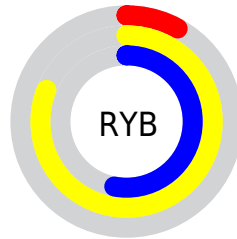
Distribution



Red (37%)

Green (81%)

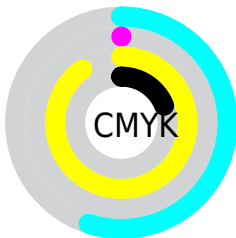
Blue (8%)



Red (8%)

Yellow (81%)

Blue (53%)

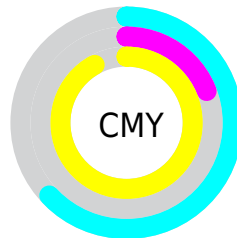


Cyan (55%)

Magenta (0%)

Yellow (90%)

Black (19%)



Cyan (63%)

Magenta (19%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.0090, -7.6420, -81.8020 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 152.0090, -7.6420, -81.8020 by changing the saturation by 10% instead.

■ 152.0090, -7.6420,
-81.8020

■ 152.0090, -7.6420,
-81.8020

■ 255.0000, -0.0000,
-0.0000

■ 123.0130,
-13.4650, -80.8970

■ 206.1760, -6.3140,
-72.8260

■ 91.6160, -37.0320,
-77.8000

■ 218.4520, 2.2570,
-57.4470

■ 73.3750, -34.3750,
-65.3750

■ 230.7280, 10.8280,
-42.0680

■ 58.1130, -27.2250,
-51.7770

■ 243.1890, 20.3160,
-26.7880

■ 42.8510, -20.0750,
-38.1790

■ 249.1860, 16.3710,
-15.8610

■ 29.9370, -14.0250,
-26.6730

■ 252.6060, 6.7410,

■ 13.5010, -6.3250,

-6.5310

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 152.0090, -7.6420,
-81.8020

■ 152.0090, -7.6420,
-81.8020

■ 145.7280, -8.6490,
-91.0890

■ 157.9910, -7.2310,
-72.7270

■ 164.1580, -5.9030,
-63.7510

■ 170.4390, -4.8960,
-54.4640

■ 176.4210, -4.4850,
-45.3890

■ 182.7020, -3.4780,
-36.1020

■ 188.5700, -2.7460,
-27.3380

■ 194.8510, -1.7390,
-18.0510

■ 201.1320, -0.7320,
-8.7640

■ 207.0000, 0.0000,
-0.0000

Harmonies

Analogous

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



167.7640, 62.7320, -57.6200



152.0090, -7.6420, -81.8020



141.2870, -98.8370, -75.5490

Triad

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



152.0090, -7.6420, -81.8020



150.5790, -138.7800, -28.9560



141.6900, 79.3080, 60.5240

Complementary

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



152.0090, -7.6420, -81.8020



75.9910, 7.6420, 81.8020

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.



161.9460, 47.0730, 77.5450



152.0090, -7.6420, -81.8020



136.4910, -132.1800, -16.4040

Square

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



152.0090, -7.6420, -81.8020



157.0360, -141.8050, -34.7090



180.2640, 9.9860, 50.3220



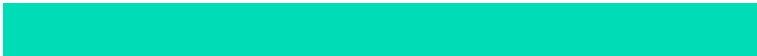
152.8870, 96.0050, 16.7170

Rectangle

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



152.0090, -7.6420, -81.8020



149.7740, -118.6010, -58.7690



180.2640, 9.9860, 50.3220



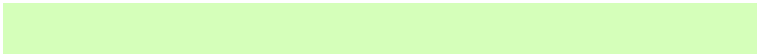
144.8820, 70.3200, 69.2320

Sweetspot

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



152.0090, -7.6420, -81.8020



234.5760, -2.8830, -30.3630



142.3580, 80.0560, -19.1440



115.8510, -1.7390, -18.0510



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.



152.0090, -7.6420, -81.8020



179.5850, -10.5250, -112.1650



132.3480, -57.2490, -91.3690



101.6530, -0.6410, -4.9050



118.3500, -6.8640, -73.8720



28.8510, -1.7390, -18.0510

Inverse Universe

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



75.9910, 7.6420, 81.8020



75.4150, 10.5250, 112.1650



95.6520, 57.2490, 91.3690



97.0480, 0.0450, 4.6930



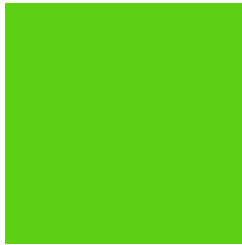
49.6500, 6.8640, 73.8720



12.1490, 1.7390, 18.0510

Previews

White Background



This preview shows how the YIQ color 152.0090, -7.6420, -81.8020 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 152.0090, -7.6420, -81.8020 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 152.0090, -7.6420, -81.8020

Background



This preview shows how black text looks on a background with the YIQ color 152.0090, -7.6420, -81.8020.



This preview shows how white text looks on a background with the YIQ color 152.0090, -7.6420,

-81.8020.

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

152.0090, -7.6420, -81.8020

Protanopia

168.7420, 68.9660, -49.4500

Deuteranopia

174.4940, 73.5010, -27.0030



Tritanopia

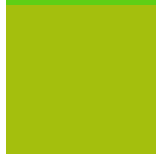
174.0790, -45.9390, -9.9630

Trichromacy



Original Color

152.0090, -7.6420, -81.8020



Protanomaly

162.6350, 41.0460, -61.0820



Deuteranomaly

166.4480, 43.6110, -46.9890



Tritanomaly

165.9730, -32.0420, -36.0580

Monochromacy



Original Color

152.0090, -7.6420, -81.8020



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

151.9890, -2.6080, -29.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.0090, -7.6420, -81.8020 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(94, 207, 21)` looks like.

```
.text, #text, p{  
    color:rgb(94, 207, 21)  
}
```

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(94, 207, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 207, 21) }
```

Border

The CSS property to change the border of an element to YIQ 152.0090, -7.6420, -81.8020 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(94, 207, 21) }
```


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

```
.border{ border-color:rgb(94, 207, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 207, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 207, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 207, 21);  
box-shadow:4px 4px 4px 4px rgb(94, 207,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 152.0090, -7.6420, -81.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 207, 21) }
```

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

```
.background{ background-color: rgb(94, 207,  
21) }
```

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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