

Converting Colors

YIQ(152.0020, -4.6230,
-42.8870)

Have a look what the booklet for
YIQ(152.0020, -4.6230, -42.8870)
contains.

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Color

**YIQ(152.0020, -4.6230,
-42.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	79B554
RGB	121, 181, 84
RGB Percent	47%, 71%, 33%
CMY	0.5257, 0.2901, 0.6705
CMYK	0.33, 0.00, 0.54, 0.29
HSL	97°, 40%, 52%
HSV	97°, 54%, 71%
XYZ	26.0076, 37.7594, 14.3080
YIQ	152.0020, -4.6230, -42.8870

Conversions

Conversions Part 2

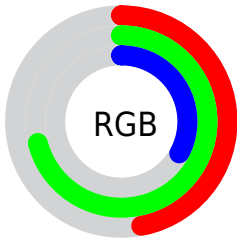
Format	Color
RYB	84, 181, 144
Decimal	7976276
CIELab	67.84, -36.79, 42.88
CIELCh	68, 56.494, 130.627
Yxy	37.7594, 0.3331, 0.4836
Android (android.graphics.Color)	4286166356 (0xFF79B554)
YUV	152.0020, -33.5250, -27.1888
Hunter-Lab	61.4487, -31.9866, 29.2087

Details

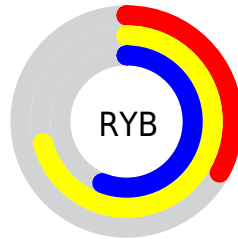
The YIQ color $152.0020, -4.6230, -42.8870$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $112.9980, 4.6230, 42.8870$, and the grayscale version is $152.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $207.2470, -3.9350, -44.3430$, and $99.2300, -5.2650, -42.2650$ is the 20% darker color. If you saturate the color by 10%, you get $146.6610, -5.4010, -50.8170$, and if you desaturate by 10%, it is $157.3430, -3.8450, -34.9570$.

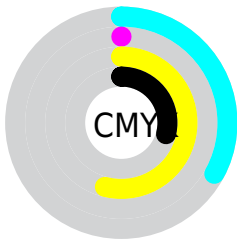
Distribution



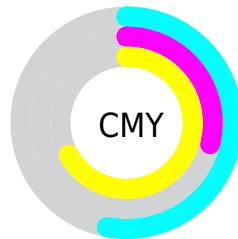
- Red (47%)
- Green (71%)
- Blue (33%)



- Red (33%)
- Yellow (71%)
- Blue (56%)



- Cyan (33%)
- Magenta (0%)
- Yellow (54%)
- Black (29%)





- Cyan (53%)
- Magenta (29%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.0020, -4.6230, -42.8870 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 152.0020, -4.6230, -42.8870 by changing the saturation by 10% instead.


 152.0020, -4.6230,
-42.8870

 152.0020, -4.6230,
-42.8870


255.0000, -0.0000,
-0.0000


 125.2300, -5.2650,
-42.2650


 207.2470, -3.9350,
-44.3430


 99.2300, -5.2650,
-42.2650


 229.2630, -0.8640,
-39.4240


 72.0620, -4.8520,
-44.2440


 241.1260, 7.4320,
-24.5680

 47.8790, -17.2780,
-39.3100

 250.8960, 11.5560,
-11.1960

 31.6980, -14.8500,
-28.2420

 254.2020, 2.2470,
-2.1770

 19.9580, -9.3500,
-17.7820

 0.0000, 0.0000,

0.0000

■ 152.0020, -4.6230,
-42.8870

■ 152.0020, -4.6230,
-42.8870

■ 146.6610, -5.4010,
-50.8170

■ 157.3430, -3.8450,
-34.9570

■ 141.3200, -6.1790,
-58.7470

■ 162.6840, -3.0670,
-27.0270

■ 135.6800, -7.5530,
-66.8890

■ 168.3240, -1.6930,
-18.8850

■ 130.3390, -8.3310,
-74.8190

■ 173.6650, -0.9150,
-10.9550

■ 126.8780, -8.6510,
-80.0350

■ 179.1200, -0.4580,
-2.7140

■ 184.4610, 0.3200,
5.2160

■ 189.8020, 1.0980,
13.1460

■ 195.4420, 2.4720,
21.2880

■ 200.7830, 3.2500,
29.2180

Harmonies

Analogous

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



158.1510, 40.6740, -32.3020



152.0020, -4.6230, -42.8870



129.9600, -83.8940, -54.5020

Triad

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



152.0020, -4.6230, -42.8870



134.7300, -131.3550, -14.8350



163.6710, 71.1510, 37.6390

Complementary

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



152.0020, -4.6230, -42.8870



112.9980, 4.6230, 42.8870

Split Complementary

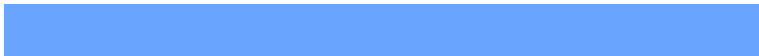
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



168.8210, 44.7860, 47.3940



152.0020, -4.6230, -42.8870



157.3200, -64.6500, 15.2700

Square

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



152.0020, -4.6230, -42.8870



136.5760, -125.5300, -26.7940



169.6380, -3.1710, 40.9650



163.4600, 81.1500, 16.1100

Rectangle

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



152.0020, -4.6230, -42.8870



130.3400, -105.2150, -48.0550



169.6380, -3.1710, 40.9650



165.6090, 65.6940, 42.9260

Sweetspot

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



152.0020, -4.6230, -42.8870



223.4920, -2.1060, -16.9060



148.2230, 41.3120, -10.8160



110.3060, -1.2820, -9.8100



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.0020, -4.6230, -42.8870



189.9790, -6.9570, -66.6770



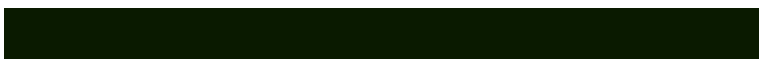
142.1930, -30.2060, -47.3100



86.4790, -0.0910, -3.8590



107.1530, -7.5070, -67.7230



18.2520, -1.1900, -11.4780

Inverse Universe

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



112.9980, 4.6230, 42.8870



129.0210, 6.9570, 66.6770



122.8070, 30.2060, 47.3100



82.8200, 0.6870, 4.0710



45.8470, 7.5070, 67.7230



7.7480, 1.1900, 11.4780

Previews

White Background



This preview shows how the YIQ color 152.0020, -4.6230, -42.8870 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 152.0020, -4.6230, -42.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

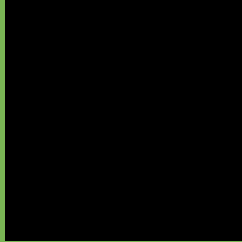
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.0020, -4.6230, -42.8870

Background



This preview shows how black text looks on a background with the YIQ color 152.0020, -4.6230, -42.8870.



This preview shows how white text looks on a background with the YIQ color 152.0020, -4.6230,

-42.8870.

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

152.0020, -4.6230, -42.8870

Protanopia

160.2790, 37.7380, -23.1420

Deuteranopia

162.5180, 47.7310, -11.5090



Tritanopia

161.7290, -24.1620, -2.6420

Trichromacy



Original Color

152.0020, -4.6230, -42.8870

Protanomaly

157.4510, 22.3340, -30.3220

Deuteranomaly

158.9020, 28.6140, -22.9860

Tritanomaly

158.1790, -17.2820, -17.2020

Monochromacy



Original Color

152.0020, -4.6230, -42.8870

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.3180, -1.5560, -15.8600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.0020, -4.6230, -42.8870 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(121, 181, 84)` looks like.

```
.text, #text, p{  
    color:rgb(121, 181, 84)  
}
```

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(121, 181, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 181, 84) }
```

Border

The CSS property to change the border of an element to YIQ 152.0020, -4.6230, -42.8870 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(121, 181, 84) }
```


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

```
.border{ border-color:rgb(121, 181, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 181, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 181, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 181, 84);  
box-shadow:4px 4px 4px 4px rgb(121, 181,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 152.0020, -4.6230, -42.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 181, 84) }
```

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

```
.background{ background-color: rgb(121,  
181, 84) }
```

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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