

Converting Colors

YIQ(102.4020, 6.8350, -19.2530)

Have a look what the booklet for
YIQ(102.4020, 6.8350, -19.2530)
contains.

YIQ(102.4020, 6.8350, -19.2530)	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(102.4020, 6.8350,
-19.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	61713E
RGB	97, 113, 62
RGB Percent	38%, 44%, 24%
CMY	0.6197, 0.5568, 0.7568
CMYK	0.14, 0.00, 0.45, 0.56
HSL	79°, 29%, 34%
HSV	79°, 45%, 44%
XYZ	11.7037, 14.7001, 6.7804
YIQ	102.4020, 6.8350, -19.2530

Conversions

Conversions Part 2

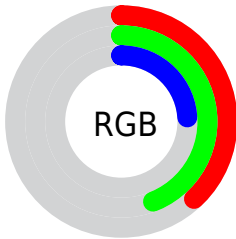
Format	Color
RYB	62, 113, 78
Decimal	6385982
CIELab	45.22, -15.13, 26.28
CIELCh	45, 30.324, 119.933
Yxy	14.7001, 0.3527, 0.4430
Android (android.graphics.Color)	4284576062 (0xFF61713E)
YUV	102.4020, -19.9182, -4.7376
Hunter-Lab	38.3407, -12.6083, 16.3533

Details

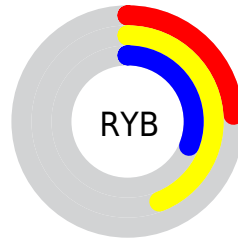
The YIQ color **102.4020, 6.8350, -19.2530** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.5980, -6.8350, 19.2530**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0600, 7.7980, -20.1860**, and **54.7440, 5.8720, -18.3200** is the 20% darker color. If you saturate the color by 10%, you get **99.9520, 7.9820, -23.5220**, and if you desaturate by 10%, it is **104.8520, 5.6880, -14.9840**.

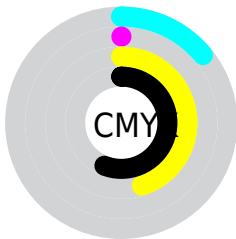
Distribution



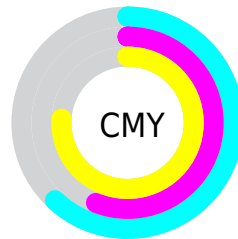
- Red (38%)
- Green (44%)
- Blue (24%)



- Red (24%)
- Yellow (44%)
- Blue (31%)



- Cyan (14%)
- Magenta (0%)
- Yellow (45%)
- Black (56%)



- Cyan (62%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.4020, 6.8350, -19.2530 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 102.4020, 6.8350, -19.2530 by changing the saturation by 10% instead.

■ 102.4020, 6.8350,
-19.2530

■ 102.4020, 6.8350,
-19.2530

■ 255.0000, -0.0000,
-0.0000

■ 78.5160, 6.5140,
-18.9420

■ 154.0600, 7.7980,
-20.1860

■ 54.7440, 5.8720,
-18.3200

■ 180.5330, 7.8440,
-21.0200

■ 33.9120, 5.4590,
-16.3410

■ 208.4190, 8.1650,
-21.3310

■ 14.0880, -6.6000,
-12.5520

■ 236.6040, 9.0820,
-21.4300

■ 0.0000, 0.0000,
0.0000

■ 250.7820, 11.8770,
-11.5070

■ 253.9740, 2.8890,

-2.7990

■ 102.4020, 6.8350,
-19.2530

■ 102.4020, 6.8350,
-19.2530

■ 99.9520, 7.9820,
-23.5220

■ 104.8520, 5.6880,
-14.9840

■ 97.6870, 10.0460,
-27.8900

■ 107.1170, 3.6240,
-10.6160

■ 95.2370, 11.1930,
-32.1590

■ 109.5670, 2.4770,
-6.3470

■ 93.0860, 12.9360,
-36.2160

■ 111.7180, 0.7340,
-2.2900

■ 90.6360, 14.0830,
-40.4850

■ 114.2820, -0.7340,
2.2900

■ 89.3540, 14.8170,
-42.7750

■ 116.4330, -2.4770,
6.3470

■ 118.8830, -3.6240,
10.6160

■ 121.0340, -5.3670,
14.6730

■ 123.5980, -6.8350,
19.2530

Harmonies

Analogous

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



105.3830, 26.1820, -11.9460



102.4020, 6.8350, -19.2530



98.2340, -19.1150, -22.5310

Triad

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



102.4020, 6.8350, -19.2530



85.1920, -80.0500, -14.0180



109.4270, 33.1910, 20.7350

Complementary

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



102.4020, 6.8350, -19.2530



72.5980, -6.8350, 19.2530

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.



110.1400, 15.1260, 23.2380



102.4020, 6.8350, -19.2530



102.5010, -40.7150, 5.5010

Square

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



102.4020, 6.8350, -19.2530



85.3740, -75.0510, -22.0190



108.5050, -11.0070, 17.7690



108.0500, 41.2620, 12.1260

Rectangle

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



102.4020, 6.8350, -19.2530



93.4580, -40.2970, -24.1130



108.5050, -11.0070, 17.7690



109.8440, 27.6430, 22.1630

Sweetspot

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



102.4020, 6.8350, -19.2530



143.5130, 2.5690, -8.0150



86.0540, 26.2710, 2.9670



71.3220, 1.7890, -4.8910



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



102.4020, 6.8350, -19.2530



131.4050, 10.7800, -30.1800



94.9270, -8.0650, -24.5530



54.7180, 0.7340, -2.2900



94.9580, 15.8720, -45.3760



195.8190, 33.3950, -93.1410

Inverse Universe

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



72.5980, -6.8350, 19.2530



84.5950, -10.7800, 30.1800



80.0730, 8.0650, 24.5530



51.2820, -0.7340, 2.2900



25.0420, -15.8720, 45.3760



51.4800, -32.7990, 93.3530

Previews

White Background



This preview shows how the YIQ color 102.4020, 6.8350, -19.2530 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 102.4020, 6.8350, -19.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

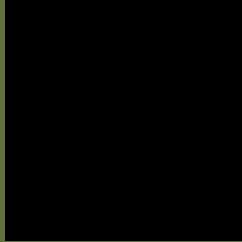
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.4020, 6.8350, -19.2530

Background



This preview shows how black text looks on a background with the YIQ color 102.4020, 6.8350, -19.2530.



This preview shows how white text looks on a background with the YIQ color 102.4020, 6.8350,

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

102.4020, 6.8350, -19.2530

Protanopia

104.6320, 21.0470, -12.4970

Deuteranopia

105.8550, 27.9690, -5.7830



Tritanopia

107.0150, -4.3560, 1.8520

Trichromacy



Original Color

102.4020, 6.8350, -19.2530

Protanomaly

103.8270, 16.0040, -14.7160

Deuteranomaly

104.5010, 20.0380, -10.7300

Tritanomaly

105.1260, -0.5950, -5.7390

Monochromacy



Original Color

102.4020, 6.8350, -19.2530

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.0400, 2.5230, -7.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.4020, 6.8350, -19.2530 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(97, 113, 62)` looks like.

```
.text, #text, p{  
    color:rgb(97, 113, 62)  
}
```

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(97, 113, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 113, 62) }
```

Border

The CSS property to change the border of an element to YIQ 102.4020, 6.8350, -19.2530 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(97, 113, 62) }
```


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

```
.border{ border-color:rgb(97, 113, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 113, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 113, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 113, 62);  
box-shadow:4px 4px 4px 4px rgb(97, 113,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 102.4020, 6.8350, -19.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 113, 62) }
```

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

```
.background{ background-color: rgb(97, 113,  
62) }
```

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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