

Converting Colors

YIQ(153.2520, 59.5630,
-27.7090)

Have a look what the booklet for
YIQ(153.2520, 59.5630, -27.7090)
contains.

YIQ(153.2520, 59.5630, -27.7090)	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(153.2520, 59.5630,
-27.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	C19B28
RGB	193, 155, 40
RGB Percent	76%, 61%, 16%
CMY	0.2431, 0.3922, 0.8428
CMYK	0.00, 0.20, 0.79, 0.24
HSL	45°, 66%, 46%
HSV	45°, 79%, 76%
XYZ	34.0966, 34.9291, 6.9598
YIQ	153.2520, 59.5630, -27.7090

Conversions

Conversions Part 2

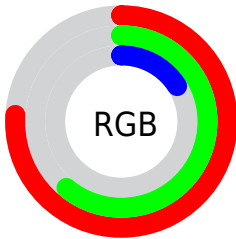
Format	Color
RYB	91, 193, 40
Decimal	12688168
CIELab	65.69, 3.14, 60.88
CIElCh	66, 60.965, 87.043
Yxy	34.9291, 0.4487, 0.4597
Android (android.graphics.Color)	4290878248 (0xFFC19B28)
YUV	153.2520, -55.8332, 34.8590
Hunter-Lab	59.1009, -0.4459, 34.3885

Details

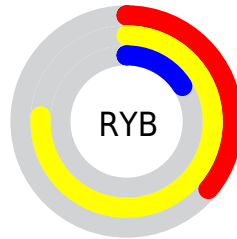
The YIQ color **153.2520, 59.5630, -27.7090** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **79.7480, -59.5630, 27.7090**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.1600, 62.8180, -26.1260**, and **101.4130, 51.8600, -25.7720** is the 20% darker color. If you saturate the color by 10%, you get **148.1510, 67.0370, -31.0030**, and if you desaturate by 10%, it is **158.3530, 52.0890, -24.4150**.

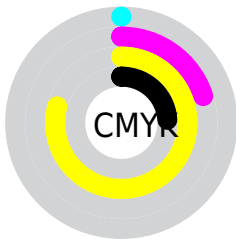
Distribution



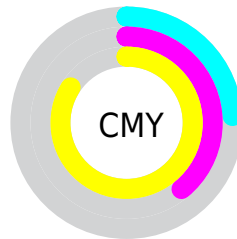
- Red (76%)
- Green (61%)
- Blue (16%)



- Red (36%)
- Yellow (76%)
- Blue (16%)



- Cyan (0%)
- Magenta (20%)
- Yellow (79%)
- Black (24%)





- Cyan (24%)
- Magenta (39%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.2520, 59.5630, -27.7090 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 153.2520, 59.5630, -27.7090 by changing the saturation by 10% instead.


 153.2520, 59.5630,
-27.7090


 153.2520, 59.5630,
-27.7090


255.0000, -0.0000,
-0.0000


 124.8730, 61.9480,
-32.3880


 209.1600, 62.8180,
-26.1260


 101.4130, 51.8600,
-25.7720


 229.2720, 47.6430,
-31.9490


 78.9530, 41.7720,
-19.1560


 242.9160, 34.0260,
-32.9660

 57.9660, 31.7300,
-13.3740

 246.1080, 25.0380,
-24.2580

 37.5660, 21.4130,
-8.1150

 249.4140, 15.7290,
-15.2390

 18.0630, 12.8840,
-2.2200

 252.6060, 6.7410,

 0.0000, 0.0000,

-6.5310

0.0000

■ 153.2520, 59.5630,
-27.7090

■ 153.2520, 59.5630,
-27.7090

■ 148.1510, 67.0370,
-31.0030

■ 158.3530, 52.0890,
-24.4150

■ 142.9360, 74.8320,
-34.6080

■ 163.5680, 44.2940,
-20.8100

■ 142.8220, 75.1530,
-34.9190

■ 168.0820, 37.0950,
-16.9930

■ 173.1830, 29.6210,
-13.6990

■ 178.3980, 21.8260,
-10.0940

■ 183.4990, 14.3520,
-6.8000

■ 188.6000, 6.8780,
-3.5060

■ 193.1140, -0.3210,
0.3110

■ 198.3290, -8.1160,
3.9160

Harmonies

Analogous

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



156.2620, 81.1070, 0.3630



153.2520, 59.5630, -27.7090



148.3930, 19.0810, -42.9590

Triad

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



153.2520, 59.5630, -27.7090



132.3070, -117.6430, -32.0670



163.9470, 26.9960, 50.4200

Complementary

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



153.2520, 59.5630, -27.7090



79.7480, -59.5630, 27.7090

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.



160.5080, -32.2840, 34.4360



153.2520, 59.5630, -27.7090



134.2740, -130.0710, -16.0790

Square

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



153.2520, 59.5630, -27.7090



125.9230, -99.6670, -49.4830



127.0990, -127.7800, -8.0360



159.2660, 68.3980, 48.9900

Rectangle

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



153.2520, 59.5630, -27.7090



141.8260, -18.9270, -47.9750



127.0990, -127.7800, -8.0360



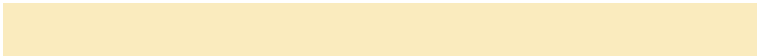
164.6720, 8.6570, 46.8730

Sweetspot

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



153.2520, 59.5630, -27.7090



234.3550, 23.3850, -10.8150



90.0790, 78.9900, 44.2540



115.6130, 14.0310, -6.4890



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



153.2520, 59.5630, -27.7090



188.2350, 92.6230, -43.1610



164.1960, 26.4650, -55.6390



94.0990, 4.0350, -1.5410



119.1660, 62.6810, -29.1510



24.5420, 12.7930, -6.0790

Inverse Universe

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



79.7480, -59.5630, 27.7090



74.3520, -92.8980, 42.6380



68.8040, -26.4650, 55.6390



89.9010, -4.0350, 1.5410



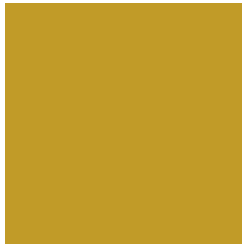
41.8340, -62.6810, 29.1510



8.4580, -12.7930, 6.0790

Previews

White Background



This preview shows how the YIQ color 153.2520, 59.5630, -27.7090 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 153.2520, 59.5630, -27.7090 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 153.2520, 59.5630, -27.7090

Background



This preview shows how black text looks on a background with the YIQ color 153.2520, 59.5630, -27.7090.



This preview shows how white text looks on a background with the YIQ color 153.2520, 59.5630,

-27.7090.

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

153.2520, 59.5630, -27.7090

Protanopia

152.1150, 49.5230, -32.9810

Deuteranopia

154.1110, 64.5140, -23.8220



Tritanopia

162.9980, 29.8450, 15.2930

Trichromacy



Original Color

153.2520, 59.5630, -27.7090

Protanomaly

152.4360, 53.0530, -30.8750

Deuteranomaly

153.6870, 62.7720, -25.2920

Tritanomaly

159.6610, 40.4390, -0.4970

Monochromacy



Original Color

153.2520, 59.5630, -27.7090

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.3980, 21.8260, -10.0940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.2520, 59.5630, -27.7090 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(193, 155, 40)` looks like.

```
.text, #text, p{  
    color:rgb(193, 155, 40)  
}
```

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(193, 155, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 155, 40) }
```

Border

The CSS property to change the border of an element to YIQ 153.2520, 59.5630, -27.7090 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(193, 155, 40) }
```


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

```
.border{ border-color:rgb(193, 155, 40) }
```

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

Here you see how a box with a 4 pixel rgb(193, 155, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 155, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 155, 40);  
box-shadow:4px 4px 4px 4px rgb(193, 155,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 153.2520, 59.5630, -27.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 155, 40) }
```

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

```
.background{ background-color: rgb(193,  
155, 40) }
```

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