

Converting Colors

YIQ(123.1720, -26.8540,
-75.0300)

Have a look what the booklet for
YIQ(123.1720, -26.8540, -75.0300)
contains.

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Color

**YIQ(123.1720, -26.8540,
-75.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	33B319
RGB	51, 179, 25
RGB Percent	20%, 70%, 10%
CMY	0.8004, 0.2978, 0.9019
CMYK	0.72, 0.00, 0.86, 0.30
HSL	110°, 75%, 40%
HSV	110°, 86%, 70%
XYZ	17.6664, 33.0330, 6.3648
YIQ	123.1720, -26.8540, -75.0300

Conversions

Conversions Part 2

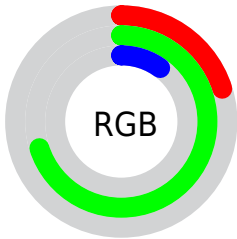
Format	Color
RYB	25, 179, 153
Decimal	3388185
CIELab	64.19, -60.29, 60.63
CIElCh	64, 85.507, 134.836
Yxy	33.0330, 0.3096, 0.5789
Android (android.graphics.Color)	4281578265 (0xFF33B319)
YUV	123.1720, -48.3988, -63.2948
Hunter-Lab	57.4743, -45.7129, 33.6662

Details

The YIQ color **123.1720, -26.8540, -75.0300** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **80.8280, 26.8540, 75.0300**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.3190, -22.7740, -71.8780**, and **73.3750, -34.3750, -65.3750** is the 20% darker color. If you saturate the color by 10%, you get **116.6350, -30.0160, -83.8080**, and if you desaturate by 10%, it is **129.7090, -23.6920, -66.2520**.

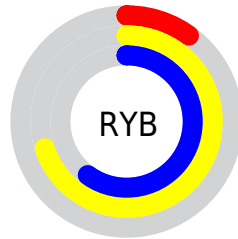
Distribution



Red (20%)

Green (70%)

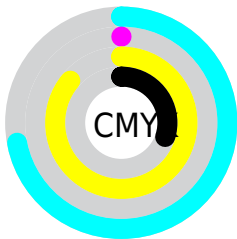
Blue (10%)



Red (10%)

Yellow (70%)

Blue (60%)

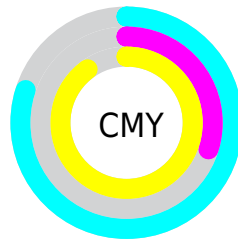


Cyan (72%)

Magenta (0%)

Yellow (86%)

Black (30%)



Cyan (80%)


Magenta (30%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.1720, -26.8540, -75.0300 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 123.1720, -26.8540, -75.0300 by changing the saturation by 10% instead.


 123.1720,
-26.8540, -75.0300


 123.1720,
-26.8540, -75.0300


 255.0000, -0.0000,
-0.0000


 89.2240, -41.8000,
-79.4960


 183.3190,
-22.7740, -71.8780

 73.3750, -34.3750,
-65.3750


 206.5200,
-18.7860, -67.0580


 58.1130, -27.2250,
-51.7770


 218.6820, -9.8940,
-51.9900

 42.8510, -20.0750,
-38.1790

 230.8440, -1.0020,
-36.9220

 29.9370, -14.0250,
-26.6730

 243.1200, 7.5690,
-21.5430

 13.5010, -6.3250,
-12.0290

 251.8080, 8.9880,

 0.0000, 0.0000,

-8.7080

0.0000

■ 123.1720,
-26.8540, -75.0300

■ 123.1720,
-26.8540, -75.0300

■ 116.6350,
-30.0160, -83.8080

■ 129.7090,
-23.6920, -66.2520

■ 114.0430,
-31.3450, -87.2570

■ 136.2460,
-20.5300, -57.4740

■ 142.7830,
-17.3680, -48.6960

■ 149.0210,
-14.8020, -40.1300

■ 155.5580,
-11.6400, -31.3520

■ 161.9810, -8.1570,
-22.8850

■ 168.5180, -4.9950,
-14.1070

■ 175.0550, -1.8330,
-5.3290

■ 181.5920, 1.3290,
3.4490

Harmonies

Analogous

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



142.0150, 46.0880, -53.3360



123.1720, -26.8540, -75.0300



122.6510, -87.6980, -62.6580

Triad

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



123.1720, -26.8540, -75.0300



132.3820, -130.2550, -12.7430



127.0200, 95.8140, 58.7420

Complementary

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



123.1720, -26.8540, -75.0300



80.8280, 26.8540, 75.0300

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.



141.0810, 68.6220, 77.9820



123.1720, -26.8540, -75.0300



118.2940, -123.6550, -0.1910

Square

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



123.1720, -26.8540, -75.0300



138.2520, -133.0050, -17.9730



157.5710, 8.1040, 62.4080



140.4170, 109.0720, 16.6880

Rectangle

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



123.1720, -26.8540, -75.0300



129.8670, -105.2610, -47.2210



157.5710, 8.1040, 62.4080



127.6360, 88.5680, 68.9200

Sweetspot

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



123.1720, -26.8540, -75.0300



210.2100, -10.5400, -29.2600



145.0080, 57.1340, -33.2500



103.9260, -6.3240, -17.5560



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.



123.1720, -26.8540, -75.0300



147.8450, -40.5560, -113.0680



120.9840, -58.0790, -65.3030



85.8810, -1.2830, -4.2830



97.5850, -26.5790, -74.5070



16.4580, -4.7660, -12.7500

Inverse Universe

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



80.8280, 26.8540, 75.0300



84.1550, 40.5560, 113.0680



83.0160, 58.0790, 65.3030



83.4180, 1.8790, 4.4950



55.4150, 26.5790, 74.5070



9.2430, 4.1700, 12.5380

Previews

White Background



This preview shows how the YIQ color 123.1720, -26.8540, -75.0300 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 123.1720, -26.8540, -75.0300 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 123.1720, -26.8540, -75.0300 Background



This preview shows how black text looks on a background with the YIQ color 123.1720, -26.8540, -75.0300.



This preview shows how white text looks on a background with the YIQ color 123.1720, -26.8540, -75.0300.

-75.0300.

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

123.1720, -26.8540, -75.0300

Protanopia

144.9490, 55.6220, -38.8900

Deuteranopia

149.4250, 60.7540, -21.7580



Tritanopia

144.8610, -51.2570, -12.7050

Trichromacy



Original Color

123.1720, -26.8540, -75.0300



Protanomaly

137.1190, 25.3640, -52.2040



Deuteranomaly

140.1230, 28.7090, -41.2350



Tritanomaly

136.9380, -42.1290, -34.9690

Monochromacy



Original Color

123.1720, -26.8540, -75.0300



Achromatopsia

123.0000, -0.0000, -0.0000



Achromatomaly

122.8620, -9.4400, -27.1680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.1720, -26.8540, -75.0300 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(51, 179, 25)` looks like.

```
.text, #text, p{  
    color:rgb(51, 179, 25)  
}
```

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(51, 179, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 179, 25) }
```

Border

The CSS property to change the border of an element to YIQ 123.1720, -26.8540, -75.0300 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(51, 179, 25) }
```


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

```
.border{ border-color:rgb(51, 179, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 179, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 179, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 179, 25);  
box-shadow:4px 4px 4px 4px rgb(51, 179,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 123.1720, -26.8540, -75.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 179, 25) }
```

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

```
.background{ background-color: rgb(51, 179,  
25) }
```

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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