

Converting Colors

YIQ(120.9990, -26.9040,
-52.0880)

Have a look what the booklet for
YIQ(120.9990, -26.9040, -52.0880)
contains.

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Color

**YIQ(120.9990, -26.9040,
-52.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	3FA23E
RGB	63, 162, 62
RGB Percent	25%, 64%, 24%
CMY	0.7532, 0.3645, 0.7569
CMYK	0.61, 0.00, 0.62, 0.36
HSL	119°, 45%, 44%
HSV	119°, 62%, 64%
XYZ	15.8420, 27.2572, 8.9826
YIQ	120.9990, -26.9040, -52.0880

Conversions

Conversions Part 2

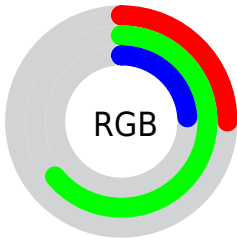
Format	Color
RYB	62, 162, 161
Decimal	4170302
CIELab	59.21, -49.02, 42.61
CIELCh	59, 64.953, 139.003
Yxy	27.2572, 0.3042, 0.5234
Android (android.graphics.Color)	4282360382 (0xFF3FA23E)
YUV	120.9990, -29.0865, -50.8651
Hunter-Lab	52.2084, -37.2013, 26.3449

Details

The YIQ color **120.9990, -26.9040, -52.0880** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **103.0010, 26.9040, 52.0880**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0270, -24.1070, -53.2190**, and **64.6670, -31.9010, -55.1410** is the 20% darker color. If you saturate the color by 10%, you get **114.3910, -31.3040, -60.4560**, and if you desaturate by 10%, it is **127.6070, -22.5040, -43.7200**.

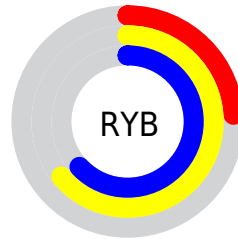
Distribution



Red (25%)

Green (64%)

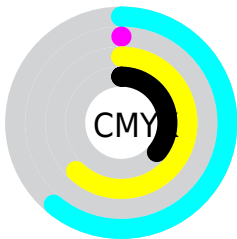
Blue (24%)



Red (24%)

Yellow (64%)

Blue (63%)

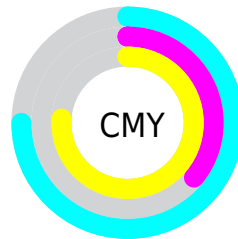


Cyan (61%)

Magenta (0%)

Yellow (62%)

Black (36%)



Cyan (75%)


Magenta (36%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.9990, -26.9040, -52.0880 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 120.9990, -26.9040, -52.0880 by changing the saturation by 10% instead.


 120.9990,
-26.9040, -52.0880


 120.9990,
-26.9040, -52.0880


255.0000, -0.0000,
-0.0000


 91.7210, -31.9930,
-53.4730


 177.0270,
-24.1070, -53.2190


 64.6670, -31.9010,
-55.1410


 205.5000,
-24.0610, -54.0530

 49.3080, -23.1000,
-43.9320

 221.9450,
-17.6440, -43.6920

 35.2200, -16.5000,
-31.3800

 233.6940, -9.0270,
-29.1470

 22.3060, -10.4500,
-19.8740

 245.9700, -0.4560,
-13.7680

 0.0000, 0.0000,
0.0000

254.6580, 0.9630,

-0.9330

■ 120.9990,
-26.9040, -52.0880

■ 120.9990,
-26.9040, -52.0880

■ 114.3910,
-31.3040, -60.4560

■ 127.6070,
-22.5040, -43.7200

■ 107.7830,
-35.7040, -68.8240

■ 134.2150,
-18.1040, -35.3520

■ 101.0610,
-39.7830, -77.5030

■ 140.9370,
-14.0250, -26.6730

■ 95.6920, -43.3580,
-84.3020

■ 147.5450, -9.6250,
-18.3050

■ 154.1530, -5.2250,
-9.9370

■ 160.7610, -0.8250,
-1.5690

■ 167.3690, 3.5750,
6.7990

■ 174.0910, 7.6540,
15.4780

■ 180.6990, 12.0540,
23.8460

Harmonies

Analogous

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



129.9850, 37.6050, -48.2750



120.9990, -26.9040, -52.0880



112.1820, -84.3990, -50.8550

Triad

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



120.9990, -26.9040, -52.0880



120.0550, -124.4800, -1.7600



136.4510, 86.5100, 40.1260

Complementary

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



120.9990, -26.9040, -52.0880



103.0010, 26.9040, 52.0880

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.



140.5460, 61.9780, 55.2100



120.9990, -26.9040, -52.0880



137.7480, -59.5630, 27.7090

Square

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



120.9990, -26.9040, -52.0880



123.4340, -118.8380, -15.9100



146.2320, 13.0120, 50.5480



137.4680, 86.6990, 9.1550

Rectangle

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



120.9990, -26.9040, -52.0880



117.3290, -97.5140, -38.9380



146.2320, 13.0120, 50.5480



136.8560, 81.2360, 47.6040

Sweetspot

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



120.9990, -26.9040, -52.0880



195.3660, -10.6790, -21.2310



149.4260, 32.6500, -30.0540



96.9740, -6.2790, -12.8630



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



120.9990, -26.9040, -52.0880



147.4580, -42.5790, -81.8990



126.1720, -42.9080, -37.3720



78.5820, -1.8790, -4.4950



85.4140, -39.2790, -75.6230



10.5660, -4.9500, -9.4140

Inverse Universe

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



103.0010, 26.9040, 52.0880



119.2430, 41.9830, 81.6870



97.8280, 42.9080, 37.3720



76.7170, 2.4750, 4.7070



59.5860, 39.2790, 75.6230



7.4340, 4.9500, 9.4140

Previews

White Background



This preview shows how the YIQ color 120.9990, -26.9040, -52.0880 looks on a white 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

Black Background



This preview shows how the YIQ color 120.9990, -26.9040, -52.0880 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 × Fail

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

YIQ 120.9990, -26.9040, -52.0880 Background



This preview shows how black text looks on a background with the YIQ color 120.9990, -26.9040, -52.0880.



This preview shows how white text looks on a background with the YIQ color 120.9990, -26.9040, -52.0880.

-52.0880.

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

120.9990, -26.9040, -52.0880

Protanopia

136.9800, 37.1420, -23.3540

Deuteranopia

139.2510, 44.1090, -11.9470



Tritanopia

134.2320, -41.9960, -9.8360

Trichromacy



Original Color

120.9990, -26.9040, -52.0880

Protanomaly

130.8520, 13.7150, -33.8130

Deuteranomaly

132.8190, 18.4820, -26.5900

Tritanomaly

129.6710, -36.5830, -25.3430

Monochromacy



Original Color

120.9990, -26.9040, -52.0880

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1320, -9.9000, -18.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.9990, -26.9040, -52.0880 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(63, 162, 62)` looks like.

```
.text, #text, p{  
    color:rgb(63, 162, 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(63, 162, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 162, 62) }
```

Border

The CSS property to change the border of an element to YIQ 120.9990, -26.9040, -52.0880 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(63, 162, 62) }
```


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

```
.border{ border-color:rgb(63, 162, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 162, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 162, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 162, 62);  
box-shadow:4px 4px 4px 4px rgb(63, 162,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 120.9990, -26.9040, -52.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 162, 62) }
```

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

```
.background{ background-color: rgb(63, 162,  
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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