

Converting Colors

YIQ(120.9170, 33.4260,
-11.0700)

Have a look what the booklet for
YIQ(120.9170, 33.4260, -11.0700)
contains.

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Color

**YIQ(120.9170, 33.4260,
-11.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	927741
RGB	146, 119, 65
RGB Percent	57%, 47%, 25%
CMY	0.4274, 0.5334, 0.7449
CMYK	0.00, 0.19, 0.55, 0.43
HSL	40°, 38%, 41%
HSV	40°, 55%, 57%
XYZ	19.4063, 19.6848, 7.7845
YIQ	120.9170, 33.4260, -11.0700

Conversions

Conversions Part 2

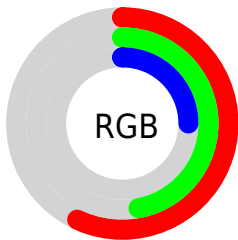
Format	Color
R_{YB}	106, 146, 65
Decimal	9598785
CIE _{Lab}	51.48, 3.57, 33.33
CIE _{LCh}	51, 33.525, 83.895
Yxy	19.6848, 0.4140, 0.4199
Android (android.graphics.Color)	4287788865 (0xFF927741)
YUV	120.9170, -27.5671, 21.9978
Hunter-Lab	44.3675, 0.4326, 20.6546

Details

The YIQ color **120.9170, 33.4260, -11.0700** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **90.0830, -33.4260, 11.0700**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7710, 36.7730, -11.1550**, and **71.5360, 30.1250, -11.8190** is the 20% darker color. If you saturate the color by 10%, you get **116.2720, 39.6160, -13.1200**, and if you desaturate by 10%, it is **125.5620, 27.2360, -9.0200**.

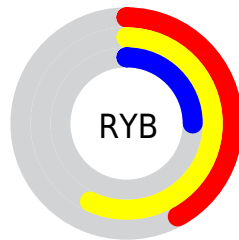
Distribution



Red (57%)

Green (47%)

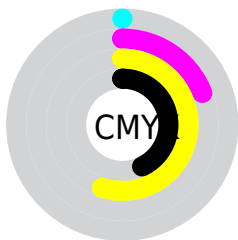
Blue (25%)



Red (42%)

Yellow (57%)

Blue (25%)

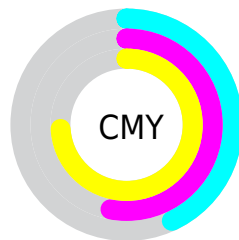


Cyan (0%)

Magenta (19%)

Yellow (55%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.9170, 33.4260, -11.0700 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 120.9170, 33.4260, -11.0700 by changing the saturation by 10% instead.

■ 120.9170, 33.4260,
-11.0700

■ 120.9170, 33.4260,
-11.0700

■ 255.0000, -0.0000,
-0.0000

■ 95.5470, 31.5920,
-10.8720

■ 173.7710, 36.7730,
-11.1550

■ 71.5360, 30.1250,
-11.8190

■ 201.2550, 38.2860,
-11.0420

■ 49.0950, 27.0530,
-11.2110

■ 227.9450, 36.2230,
-12.2010

■ 29.2930, 17.9280,
-5.5280

■ 248.0460, 19.5810,
-18.9710

■ 5.9580, 8.9860,
2.3460

■ 251.2380, 10.5930,
-10.2630

■ 0.0000, 0.0000,
0.0000

■ 254.5440, 1.2840,

-1.2440

■ 120.9170, 33.4260,
-11.0700

■ 120.9170, 33.4260,
-11.0700

■ 116.2720, 39.6160,
-13.1200

■ 125.5620, 27.2360,
-9.0200

■ 111.7410, 45.4850,
-14.8590

■ 130.0930, 21.3670,
-7.2810

■ 107.0960, 51.6750,
-16.9090

■ 134.7380, 15.1770,
-5.2310

■ 103.1520, 57.2690,
-19.1710

■ 138.6820, 9.5830,
-2.9690

■ 100.5930, 60.3410,
-19.7790

■ 143.3270, 3.3930,
-0.9190

■ 147.9720, -2.7970,
1.1310

■ 152.5030, -8.6660,
2.8700

■ 157.1480,
-14.8560, 4.9200

■ 161.6790,
-20.7250, 6.6590

Harmonies

Analogous

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



122.6940, 44.8400, 2.3440



120.9170, 33.4260, -11.0700



118.2840, 12.9790, -20.4690

Triad

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



120.9170, 33.4260, -11.0700



96.9490, -84.2200, -26.5560



126.4540, 11.3660, 25.3020

Complementary

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



120.9170, 33.4260, -11.0700



90.0830, -33.4260, 11.0700

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.



123.6120, -18.6180, 18.0380



120.9170, 33.4260, -11.0700



97.8100, -90.7780, -17.8340

Square

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



120.9170, 33.4260, -11.0700



105.6030, -51.0710, -27.0950



114.6890, -53.0480, 3.2400



125.2470, 33.8780, 24.8060

Rectangle

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



120.9170, 33.4260, -11.0700



115.3080, -4.7640, -23.8040



114.6890, -53.0480, 3.2400



126.0230, 2.3340, 23.7900

Sweetspot

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



120.9170, 33.4260, -11.0700



178.8950, 13.2970, -4.1990



92.4110, 39.2880, 25.8800



88.3120, 7.7490, -2.7710



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



120.9170, 33.4260, -11.0700



149.8680, 52.3170, -17.5310



133.1780, 18.8490, -27.7350



71.4410, 3.0720, -0.6080



95.2660, 56.9480, -18.8600



7.0990, 4.0350, -1.5410

Inverse Universe

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



90.0830, -33.4260, 11.0700



101.1320, -52.3170, 17.5310



77.8220, -18.8490, 27.7350



68.9720, -2.7970, 1.1310



42.7340, -56.9480, 18.8600



2.9010, -4.0350, 1.5410

Previews

White Background



This preview shows how the YIQ color 120.9170, 33.4260, -11.0700 looks on a white background.

Color Contrast Check

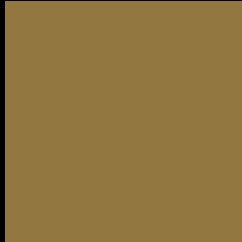
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.9170, 33.4260, -11.0700 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 120.9170, 33.4260, -11.0700

Background



This preview shows how black text looks on a background with the YIQ color 120.9170, 33.4260, -11.0700.



This preview shows how white text looks on a background with the YIQ color 120.9170, 33.4260, -11.0700.

-11.0700.

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

120.9170, 33.4260, -11.0700

Protanopia

120.0900, 25.4490, -15.1830

Deuteranopia

121.2380, 36.9560, -8.9640



Tritanopia

125.2740, 20.0800, 10.5440

Trichromacy



Original Color

120.9170, 33.4260, -11.0700

Protanomaly

120.6990, 28.1080, -13.8120

Deuteranomaly

121.2270, 35.4890, -9.9110

Tritanomaly

123.5700, 24.7580, 2.8540

Monochromacy



Original Color

120.9170, 33.4260, -11.0700

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.8240, 12.0590, -3.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.9170, 33.4260, -11.0700 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(146, 119, 65)` looks like.

```
.text, #text, p{  
    color:rgb(146, 119, 65)  
}
```

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(146, 119, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 119, 65) }
```

Border

The CSS property to change the border of an element to YIQ 120.9170, 33.4260, -11.0700 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(146, 119, 65) }
```


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

```
.border{ border-color:rgb(146, 119, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 119, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 119, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 119, 65);  
box-shadow:4px 4px 4px 4px rgb(146, 119,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 120.9170, 33.4260, -11.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 119, 65) }
```

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

```
.background{ background-color: rgb(146,  
119, 65) }
```

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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