

Converting Colors

YIQ(126.6270, 54.9740, -5.1060)

Have a look what the booklet for
YIQ(126.6270, 54.9740, -5.1060)
contains.

YIQ(126.6270, 54.9740, -5.1060)	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(126.6270, 54.9740,
-5.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	B07339
RGB	176, 115, 57
RGB Percent	69%, 45%, 22%
CMY	0.3097, 0.5491, 0.7762
CMYK	0.00, 0.35, 0.68, 0.31
HSL	29°, 51%, 46%
HSV	29°, 68%, 69%
XYZ	24.7788, 21.7850, 6.7786
YIQ	126.6270, 54.9740, -5.1060

Conversions

Conversions Part 2

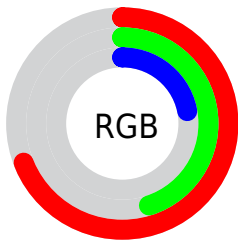
Format	Color
R_{YB}	176, 170, 57
Decimal	11563833
CIE _{Lab}	53.80, 18.56, 41.08
CIE _{LCh}	54, 45.073, 65.687
Yxy	21.7850, 0.4645, 0.4084
Android (android.graphics.Color)	4289753913 (0xFFB07339)
YUV	126.6270, -34.3261, 43.3001
Hunter-Lab	46.6744, 13.0828, 24.0613

Details

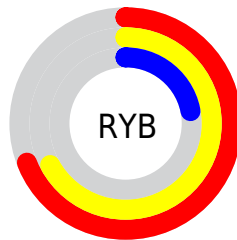
The YIQ color **126.6270, 54.9740, -5.1060** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **106.3730, -54.9740, 5.1060**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.3780, 60.1090, -4.5550**, and **75.7080, 50.2520, -7.6360** is the 20% darker color. If you saturate the color by 10%, you get **119.2920, 63.2270, -5.9970**, and if you desaturate by 10%, it is **133.9620, 46.7210, -4.2150**.

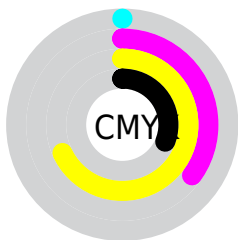
Distribution



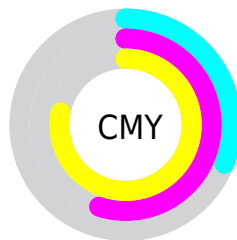
- Red (69%)
- Green (45%)
- Blue (22%)



- Red (69%)
- Yellow (67%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (68%)
- Black (31%)



- Cyan (31%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.6270, 54.9740, -5.1060 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 126.6270, 54.9740, -5.1060 by changing the saturation by 10% instead.

126.6270, 54.9740,
-5.1060

126.6270, 54.9740,
-5.1060

255.0000, -0.0000,
-0.0000

100.5450, 52.2690,
-5.6430

180.3780, 60.1090,
-4.5550

75.7080, 50.2520,
-7.6360

205.1710, 56.2580,
-6.3500

53.3360, 42.7320,
-3.5080

224.6850, 39.8910,
-12.5970

32.9360, 32.4150,
1.7510

244.7860, 23.2490,
-19.3670

11.9600, 23.8400,
8.4800

250.3260, 13.1610,
-12.7510

0.0000, 0.0000,
0.0000

253.6320, 3.8520,

-3.7320

■ 126.6270, 54.9740,
-5.1060

■ 126.6270, 54.9740,
-5.1060

■ 119.2920, 63.2270,
-5.9970

■ 133.9620, 46.7210,
-4.2150

■ 112.0710, 71.1590,
-6.5770

■ 141.1830, 38.7890,
-3.6350

■ 104.7360, 79.4120,
-7.4680

■ 148.5180, 30.5360,
-2.7440

■ 103.1060, 81.2460,
-7.6660

■ 155.7390, 22.6040,
-2.1640

■ 163.0740, 14.3510,
-1.2730

■ 170.4090, 6.0980,
-0.3820

■ 177.6300, -1.8340,
0.1980

■ 184.9650,
-10.0870, 1.0890

■ 192.1860,
-18.0190, 1.6690

Harmonies

Analogous

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



127.8800, 62.3520, 15.3760



126.6270, 54.9740, -5.1060



124.1370, 35.2620, -22.3220

Triad

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



126.6270, 54.9740, -5.1060



102.2660, -84.0350, -35.4190



131.5520, -9.2210, 29.4590

Complementary

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



126.6270, 54.9740, -5.1060



106.3730, -54.9740, 5.1060

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.



120.7240, -60.1560, 10.9160



126.6270, 54.9740, -5.1060



106.0110, -95.9580, -23.0780

Square

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



126.6270, 54.9740, -5.1060



109.6880, -44.4210, -37.4850



105.4530, -102.6540, -11.8540



132.0590, 29.0160, 35.8320

Rectangle

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



126.6270, 54.9740, -5.1060



121.0850, 14.6770, -29.2190



105.4530, -102.6540, -11.8540



129.8920, -25.0380, 24.2580

Sweetspot

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



126.6270, 54.9740, -5.1060



210.6680, 21.3660, -1.7540



99.6490, 51.0220, 44.5100



103.5900, 12.8380, -1.3860



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



126.6270, 54.9740, -5.1060



152.4440, 86.1060, -7.6380



161.2600, 38.7490, -35.9630



85.6260, 3.9890, -0.7070



89.1850, 70.8380, -6.2660



14.8180, 12.1960, -0.7640

Inverse Universe

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



106.3730, -54.9740, 5.1060



120.9690, -85.8310, 8.1610



71.7400, -38.7490, 35.9630



83.9610, -4.2640, 0.1840



63.8150, -70.8380, 6.2660



10.5950, -11.9210, 1.2870

Previews

White Background



This preview shows how the YIQ color 126.6270, 54.9740, -5.1060 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 126.6270, 54.9740, -5.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

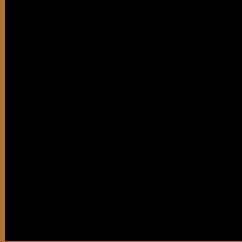
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.6270, 54.9740, -5.1060

Background



This preview shows how black text looks on a background with the YIQ color 126.6270, 54.9740, -5.1060.



This preview shows how white text looks on a background with the YIQ color 126.6270, 54.9740, -5.1060.

-5.1060.

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

126.6270, 54.9740, -5.1060

Protanopia

125.4340, 30.1720, -18.1800

Deuteranopia

126.3110, 43.8800, -13.3040



Tritanopia

130.4400, 40.3440, 17.7520

Trichromacy



Original Color

126.6270, 54.9740, -5.1060

Protanomaly

125.9730, 39.0200, -13.3320

Deuteranomaly

126.4580, 47.9600, -10.1520

Tritanomaly

129.5080, 45.6640, 9.4400

Monochromacy



Original Color

126.6270, 54.9740, -5.1060

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1840, 19.8530, -1.8670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6270, 54.9740, -5.1060 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(176, 115, 57)` looks like.

```
.text, #text, p{  
    color:rgb(176, 115, 57)  
}
```

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(176, 115, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 115, 57) }
```

Border

The CSS property to change the border of an element to YIQ 126.6270, 54.9740, -5.1060 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(176, 115, 57) }
```


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

```
.border{ border-color:rgb(176, 115, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 115, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 115, 57); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 115, 57); box-shadow:4px 4px 4px 4px rgb(176, 115, 57) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6270, 54.9740, -5.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 115, 57) }
```

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

```
.background{ background-color: rgb(176,  
115, 57) }
```

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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