

Converting Colors

YIQ(126.2030, 45.2050, 12.2530)

Have a look what the booklet for
YIQ(126.2030, 45.2050, 12.2530)
contains.

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Color

**YIQ(126.2030, 45.2050,
12.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	B16A61
RGB	177, 106, 97
RGB Percent	69%, 42%, 38%
CMY	0.3057, 0.5844, 0.6194
CMYK	0.00, 0.40, 0.45, 0.31
HSL	7°, 34%, 54%
HSV	7°, 45%, 69%
XYZ	25.4518, 20.5179, 13.9398
YIQ	126.2030, 45.2050, 12.2530

Conversions

Conversions Part 2

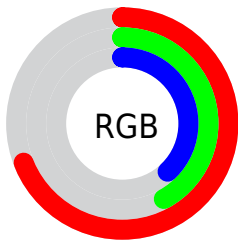
Format	Color
R _Y B	177, 107, 97
Decimal	11627105
CIE Lab	52.42, 27.37, 17.16
CIE LCh	52, 32.308, 32.085
Yxy	20.5179, 0.4248, 0.3425
Android (android.graphics.Color)	4289817185 (0xFFB16A61)
YUV	126.2030, -14.3971, 44.5490
Hunter-Lab	45.2967, 21.0284, 13.4615

Details

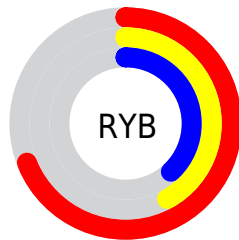
The YIQ color **126.2030, 45.2050, 12.2530** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.7970, -45.2050, -12.2530**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8830, 49.1020, 13.2140**, and **75.4520, 40.0700, 11.7020** is the 20% darker color. If you saturate the color by 10%, you get **114.7590, 55.3830, 15.0230**, and if you desaturate by 10%, it is **137.6470, 35.0270, 9.4830**.

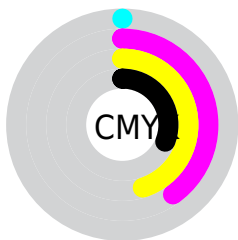
Distribution



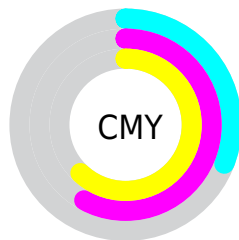
- Red (69%)
- Green (42%)
- Blue (38%)



- Red (69%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (45%)
- Black (31%)



- Cyan (31%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.2030, 45.2050, 12.2530 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 126.2030, 45.2050, 12.2530 by changing the saturation by 10% instead.

■ 126.2030, 45.2050,
12.2530

■ 126.2030, 45.2050,
12.2530

■ 255.0000, -0.0000,
-0.0000

■ 100.4200, 43.0960,
11.9280

■ 179.8830, 49.1020,
13.2140

■ 75.4520, 40.0700,
11.7020

■ 204.6760, 45.2510,
11.4190

■ 51.7830, 37.6400,
11.6880

■ 224.3040, 28.5630,
5.4830

■ 27.0710, 36.7690,
10.9530

■ 244.5190, 11.6000,
-0.9760

■ 13.4550, 26.8200,
9.5400

■ 0.0000, 0.0000,
0.0000

126.2030, 45.2050,
12.2530

126.2030, 45.2050,
12.2530

114.7590, 55.3830,
15.0230

137.6470, 35.0270,
9.4830

104.0160, 64.9650,
17.5810

148.3900, 25.4450,
6.9250

92.5720, 75.1430,
20.3510

159.8340, 15.2670,
4.1550

81.1280, 85.3210,
23.1210

171.2780, 5.0890,
1.3850

69.7980, 95.1780,
26.2020

182.7220, -5.0890,
-1.3850


64.6630, 99.9920,
27.0640

193.4650,
-14.6710, -3.9430

204.9090,
-24.8490, -6.7130

216.3530,

-35.0270, -9.4830

 227.5690,
-44.5630, -12.8750

Harmonies

Analogous

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



127.5200, 37.3630, 22.2190



126.2030, 45.2050, 12.2530



124.7320, 41.6770, -0.9070

Triad

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



126.2030, 45.2050, 12.2530



114.9130, -22.6450, -24.6370



120.7830, -41.4490, 7.7910

Complementary

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



126.2030, 45.2050, 12.2530



147.7970, -45.2050, -12.2530

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.



107.0400, -76.5660, -11.0780



126.2030, 45.2050, 12.2530



106.7100, -58.6820, -26.8260

Square

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



126.2030, 45.2050, 12.2530



119.7500, 5.7350, -21.3450



99.1490, -87.6590, -24.8030



127.4560, -9.3110, 20.0730

Rectangle

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



126.2030, 45.2050, 12.2530



123.5580, 33.0590, -9.9250



99.1490, -87.6590, -24.8030



117.4610, -52.4060, 2.6180

Sweetspot

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



126.2030, 45.2050, 12.2530



209.2150, 18.5680, 4.9040



129.1280, 24.5680, 39.3520



102.1540, 11.3700, 3.1940



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.



126.2030, 45.2050, 12.2530



150.7070, 70.3290, 19.4890



149.0960, 34.4800, -8.1440



83.2780, 5.0890, 1.3850



55.7260, 86.5130, 23.5450



9.5350, 14.6710, 3.9430

Inverse Universe

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



147.7970, -45.2050, -12.2530



184.7060, -70.0540, -18.9660



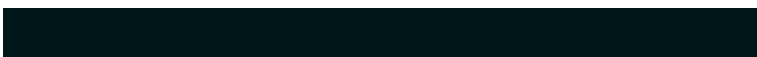
124.9040, -34.4800, 8.1440



85.7220, -5.0890, -1.3850



97.2740, -86.5130, -23.5450



16.4650, -14.6710, -3.9430

Previews

White Background



This preview shows how the YIQ color 126.2030, 45.2050, 12.2530 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 126.2030, 45.2050, 12.2530 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 126.2030, 45.2050, 12.2530

Background



This preview shows how black text looks on a background with the YIQ color 126.2030, 45.2050, 12.2530.



This preview shows how white text looks on a background with the YIQ color 126.2030, 45.2050,

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

126.2030, 45.2050, 12.2530

Protanopia

124.9270, 10.2710, -4.4250

Deuteranopia

125.4080, 25.0340, -2.1500



Tritanopia

126.9240, 41.8570, 17.8650

Trichromacy



Original Color

126.2030, 45.2050, 12.2530

Protanomaly

125.2600, 22.6950, 1.6950

Deuteranomaly

125.8760, 32.6440, 3.1080

Tritanomaly

126.9410, 43.1870, 15.7870

Monochromacy



Original Color

126.2030, 45.2050, 12.2530

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.3180, 16.7800, 4.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.2030, 45.2050, 12.2530 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(177, 106, 97)` looks like.

```
.text, #text, p{  
    color:rgb(177, 106, 97)  
}
```

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(177, 106, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 106, 97) }
```

Border

The CSS property to change the border of an element to YIQ 126.2030, 45.2050, 12.2530 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(177, 106, 97) }
```


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

```
.border{ border-color:rgb(177, 106, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 106, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 106, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 106, 97);  
box-shadow:4px 4px 4px 4px rgb(177, 106,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 126.2030, 45.2050, 12.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 106, 97) }
```

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

```
.background{ background-color: rgb(177,  
106, 97) }
```

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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