

Converting Colors

YIQ(126.7120, 27.2340, 2.0340)

Have a look what the booklet for
YIQ(126.7120, 27.2340, 2.0340)
contains.

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Color

**YIQ(126.7120, 27.2340,
2.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7664
RGB	154, 118, 100
RGB Percent	60%, 46%, 39%
CMY	0.3960, 0.5373, 0.6077
CMYK	0.00, 0.23, 0.35, 0.40
HSL	20°, 21%, 50%
HSV	20°, 35%, 60%
XYZ	22.1084, 20.7459, 14.9036
YIQ	126.7120, 27.2340, 2.0340

Conversions

Conversions Part 2

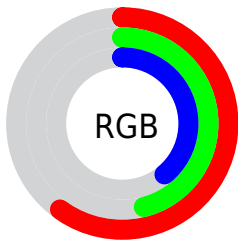
Format	Color
R_{YB}	154, 127, 100
Decimal	10122852
CIE Lab	52.67, 11.51, 15.33
CIE LCh	53, 19.164, 53.100
Yxy	20.7459, 0.3828, 0.3592
Android (android.graphics.Color)	4288312932 (0xFF9A7664)
YUV	126.7120, -13.1690, 23.9316
Hunter-Lab	45.5476, 6.9340, 12.4831

Details

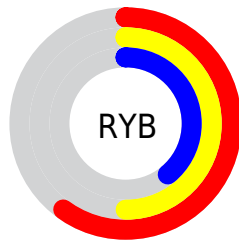
The YIQ color **126.7120, 27.2340, 2.0340** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127.2880, -27.2340, -2.0340**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.4950, 29.3430, 2.3590**, and **77.6300, 24.5290, 1.4970** is the 20% darker color. If you saturate the color by 10%, you get **119.1320, 34.7990, 2.5990**, and if you desaturate by 10%, it is **134.2920, 19.6690, 1.4690**.

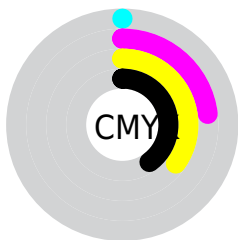
Distribution



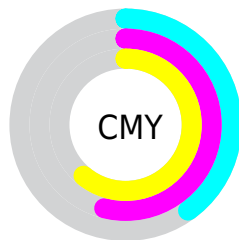
- Red (60%)
- Green (46%)
- Blue (39%)



- Red (60%)
- Yellow (50%)
- Blue (39%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (40%)





- Cyan (40%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.7120, 27.2340, 2.0340 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 126.7120, 27.2340, 2.0340 by changing the saturation by 10% instead.


 126.7120, 27.2340,
2.0340


 126.7120, 27.2340,
2.0340


255.0000, -0.0000,
-0.0000


 101.2280, 25.7210,
1.9210


 179.4950, 29.3430,
2.3590

 77.6300, 24.5290,
1.4970


 207.0930, 30.5350,
2.7830


 54.2600, 22.6950,
1.6950

 231.6900, 24.3000,
0.1400

 32.1350, 21.5490,
0.4370

 251.9050, 7.3370,
-6.3190

 9.2690, 18.4760,
6.5720

 0.0000, 0.0000,
0.0000

■ 126.7120, 27.2340,
2.0340

■ 126.7120, 27.2340,
2.0340

■ 119.1320, 34.7990,
2.5990

■ 134.2920, 19.6690,
1.4690

■ 110.8510, 42.9600,
3.3760

■ 142.5730, 11.5080,
0.6920

■ 103.2710, 50.5250,
3.9410

■ 150.1530, 3.9430,
0.1270

■ 95.5770, 58.4110,
4.1950

■ 157.8470, -3.9430,
-0.1270

■ 87.9970, 65.9760,
4.7600

■ 165.4270,
-11.5080, -0.6920

■ 79.8300, 73.8160,
5.8480

■ 173.5940,
-19.3480, -1.7800

■ 75.9830, 77.7590,
5.9750

■ 181.2880,
-27.2340, -2.0340

■ 188.8680,

-34.7990, -2.5990

■ 197.1490,
-42.9600, -3.3760

Harmonies

Analogous

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



127.4550, 26.8200, 9.5400



126.7120, 27.2340, 2.0340



125.2610, 20.9540, -5.3020

Triad

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



126.7120, 27.2340, 2.0340



119.3510, -23.5180, -14.3180



126.7620, -10.5930, 10.2630

Complementary

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



126.7120, 27.2340, 2.0340



127.2880, -27.2340, -2.0340

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.



123.3470, -25.7220, 3.6060



126.7120, 27.2340, 2.0340



118.2990, -34.9350, -11.1510

Square

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



126.7120, 27.2340, 2.0340



121.8490, -7.4250, -14.1210



120.1020, -35.5780, -5.0020



128.0800, 6.1870, 14.5310

Rectangle

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



126.7120, 27.2340, 2.0340



124.1350, 12.3810, -9.6270



120.1020, -35.5780, -5.0020



126.0710, -15.9570, 8.3550

Sweetspot

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



126.7120, 27.2340, 2.0340



190.2740, 10.9120, 0.4800



120.3640, 20.3070, 22.9550



95.2350, 6.6480, 0.6640



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



126.7120, 27.2340, 2.0340



158.5520, 42.3640, 3.1640



141.9740, 20.0840, -11.5640



72.5660, 4.2180, 0.6500



69.4490, 70.5150, 5.0990



6.2350, 6.6480, 0.6640

Inverse Universe

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



127.2880, -27.2340, -2.0340



159.4480, -42.3640, -3.1640



112.0260, -20.0840, 11.5640



72.8470, -3.9430, -0.1270



71.1380, -70.7900, -5.6220



6.7650, -6.6480, -0.6640

Previews

White Background



This preview shows how the YIQ color 126.7120, 27.2340, 2.0340 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 126.7120, 27.2340, 2.0340 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 126.7120, 27.2340, 2.0340

Background



This preview shows how black text looks on a background with the YIQ color 126.7120, 27.2340, 2.0340.



This preview shows how white text looks on a background with the YIQ color 126.7120, 27.2340,

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

126.7120, 27.2340, 2.0340

Protanopia

125.5850, 11.2340, -5.3580

Deuteranopia

126.2660, 22.5580, -1.3300



Tritanopia

128.1710, 21.8680, 11.1800

Trichromacy



Original Color

126.7120, 27.2340, 2.0340

Protanomaly

126.1020, 17.1480, -2.4040

Deuteranomaly

126.5760, 24.6210, -0.1710

Tritanomaly

127.5470, 23.5650, 7.9570

Monochromacy



Original Color

126.7120, 27.2340, 2.0340

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0890, 9.9950, 0.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.7120, 27.2340, 2.0340 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(154, 118, 100)` looks like.

```
.text, #text, p{  
    color:rgb(154, 118, 100)  
}
```

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(154, 118, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 118, 100) }
```

Border

The CSS property to change the border of an element to YIQ 126.7120, 27.2340, 2.0340 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(154, 118, 100) }
```


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

```
.border{ border-color:rgb(154, 118, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 118, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 118, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 118, 100);  
box-shadow:4px 4px 4px 4px rgb(154, 118,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 126.7120, 27.2340, 2.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 118, 100) }
```

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

```
.background{ background-color: rgb(154,  
118, 100) }
```

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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