

Converting Colors

YIQ(121.4420, 9.3580, -26.4340)

Have a look what the booklet for
YIQ(121.4420, 9.3580, -26.4340)
contains.

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Color

**YIQ(121.4420, 9.3580,
-26.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	728842
RGB	114, 136, 66
RGB Percent	45%, 53%, 26%
CMY	0.5530, 0.4666, 0.7411
CMYK	0.16, 0.00, 0.51, 0.47
HSL	79°, 35%, 40%
HSV	79°, 51%, 53%
XYZ	16.7257, 21.5803, 8.4417
YIQ	121.4420, 9.3580, -26.4340

Conversions

Conversions Part 2

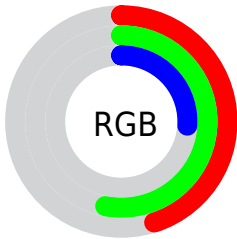
Format	Color
RYB	66, 136, 88
Decimal	7505986
CIELab	53.58, -19.72, 34.68
CIELCh	54, 39.896, 119.621
Yxy	21.5803, 0.3578, 0.4616
Android (android.graphics.Color)	4285696066 (0xFF728842)
YUV	121.4420, -27.3329, -6.5266
Hunter-Lab	46.4546, -17.0274, 21.7440

Details

The YIQ color $121.4420, 9.3580, -26.4340$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $80.5580, -9.3580, 26.4340$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.1000, 10.3210, -27.3670$, and $71.6700, 8.7160, -25.8120$ is the 20% darker color. If you saturate the color by 10%, you get $118.6500, 11.4680, -31.6360$, and if you desaturate by 10%, it is $124.2340, 7.2480, -21.2320$.

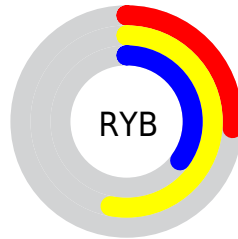
Distribution



Red (45%)

Green (53%)

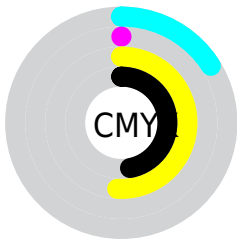
Blue (26%)



Red (26%)

Yellow (53%)

Blue (35%)

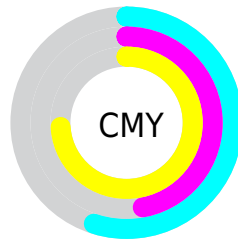


Cyan (16%)

Magenta (0%)

Yellow (51%)

Black (47%)



Cyan (55%)

Magenta (47%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.4420, 9.3580, -26.4340 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 121.4420, 9.3580, -26.4340 by changing the saturation by 10% instead.

■ 121.4420, 9.3580,
-26.4340

■ 121.4420, 9.3580,
-26.4340

255.0000, -0.0000,
-0.0000

■ 96.2570, 8.4410,
-26.3350

■ 174.1000, 10.3210,
-27.3670

■ 71.6700, 8.7160,
-25.8120

■ 201.8720, 10.9630,
-27.9890

■ 48.9410, 6.5150,
-24.4690

■ 230.3450, 11.0090,
-28.8230

■ 28.8510, -1.7390,
-18.0510

■ 247.3770, 17.1510,
-18.9850

■ 12.3270, -5.7750,
-10.9830

■ 251.4660, 9.9510,
-9.6410

■ 0.0000, 0.0000,
0.0000

254.7720, 0.6420,

-0.6220

■ 121.4420, 9.3580,
-26.4340

■ 121.4420, 9.3580,
-26.4340

■ 118.6500, 11.4680,
-31.6360

■ 124.2340, 7.2480,
-21.2320

■ 115.6730, 12.6610,
-36.7390

■ 127.2110, 6.0550,
-16.1290

■ 112.8810, 14.7710,
-41.9410

■ 130.0030, 3.9450,
-10.9270

■ 110.2030, 16.5600,
-46.8320

■ 132.6810, 2.1560,
-6.0360

■ 107.6390, 18.0280,
-51.4120

■ 135.4730, 0.0460,
-0.8340

■ 138.5640, -1.4680,
4.5800

■ 141.2420, -3.2570,
9.4710

■ 144.0340, -5.3670,
14.6730

■ 147.0110, -6.5600,
19.7760

Harmonies

Analogous

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



125.0110, 35.8570, -16.5830



121.4420, 9.3580, -26.4340



114.7720, -26.8620, -30.8140

Triad

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



121.4420, 9.3580, -26.4340



104.0850, -98.8020, -15.5860



129.7430, 44.2850, 28.9330

Complementary

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



121.4420, 9.3580, -26.4340



80.5580, -9.3580, 26.4340

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.



131.6340, 19.8470, 31.2950



121.4420, 9.3580, -26.4340



119.5620, -59.8800, 5.9120

Square

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



121.4420, 9.3580, -26.4340



103.4690, -91.5560, -25.7640



130.1550, -15.5930, 23.7910



128.5140, 54.6950, 16.4790

Rectangle

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



121.4420, 9.3580, -26.4340



104.3900, -63.9530, -35.9290



130.1550, -15.5930, 23.7910



130.9750, 37.8200, 30.4600

Sweetspot

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



121.4420, 9.3580, -26.4340



170.6440, 3.5780, -9.7820



99.2570, 35.9450, 3.8570



85.6810, 2.1560, -6.0360



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



121.4420, 9.3580, -26.4340



153.4080, 14.7250, -41.1070



111.2760, -10.9060, -33.6420



67.6040, 1.0550, -2.6010



105.2800, 17.6610, -50.2670



3.8320, 0.4130, -1.9790

Inverse Universe

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



80.5580, -9.3580, 26.4340



89.5920, -14.7250, 41.1070



90.7240, 10.9060, 33.6420



63.3960, -1.0550, 2.6010



27.7200, -17.6610, 50.2670



1.1680, -0.4130, 1.9790

Previews

White Background



This preview shows how the YIQ color 121.4420, 9.3580, -26.4340 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 121.4420, 9.3580, -26.4340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

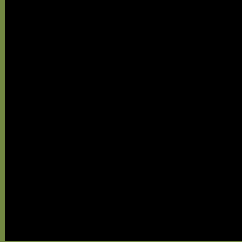
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.4420, 9.3580, -26.4340

Background



This preview shows how black text looks on a background with the YIQ color 121.4420, 9.3580, -26.4340.



This preview shows how white text looks on a background with the YIQ color 121.4420, 9.3580,

-26.4340.

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

121.4420, 9.3580, -26.4340

Protanopia

124.4770, 28.6130, -17.4590

Deuteranopia

126.2380, 36.9560, -8.9640



Tritanopia

127.6450, -6.1900, 2.0500

Trichromacy



Original Color

121.4420, 9.3580, -26.4340

Protanomaly

123.3620, 21.5070, -20.8370

Deuteranomaly

124.5740, 26.9620, -15.0700

Tritanomaly

125.5450, -0.4570, -8.2410

Monochromacy



Original Color

121.4420, 9.3580, -26.4340

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7580, 3.2570, -9.4710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.4420, 9.3580, -26.4340 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(114, 136, 66)` looks like.

```
.text, #text, p{  
    color:rgb(114, 136, 66)  
}
```

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(114, 136, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 136, 66) }
```

Border

The CSS property to change the border of an element to YIQ 121.4420, 9.3580, -26.4340 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(114, 136, 66) }
```


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

```
.border{ border-color:rgb(114, 136, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 136, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 136, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 136, 66);  
box-shadow:4px 4px 4px 4px rgb(114, 136,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 121.4420, 9.3580, -26.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 136, 66) }
```

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

```
.background{ background-color: rgb(114,  
136, 66) }
```

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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