

Converting Colors

YIQ(119.4080, 25.0340, -2.1500)

Have a look what the booklet for
YIQ(119.4080, 25.0340, -2.1500)
contains.

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Color

**YIQ(119.4080, 25.0340,
-2.1500)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7258
RGB	142, 114, 88
RGB Percent	56%, 45%, 35%
CMY	0.4431, 0.5530, 0.6548
CMYK	0.00, 0.20, 0.38, 0.44
HSL	29°, 23%, 45%
HSV	29°, 38%, 56%
XYZ	18.9362, 18.4890, 11.8098
YIQ	119.4080, 25.0340, -2.1500

Conversions

Conversions Part 2

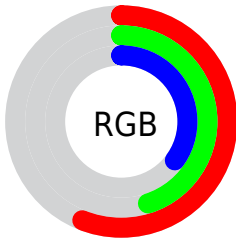
Format	Color
R_{YB}	142, 138, 88
Decimal	9335384
CIE Lab	50.08, 7.18, 18.56
CIE LCh	50, 19.899, 68.843
Yxy	18.4890, 0.3846, 0.3755
Android (android.graphics.Color)	4287525464 (0xFF8E7258)
YUV	119.4080, -15.4841, 19.8132
Hunter-Lab	42.9988, 3.3617, 13.8149

Details

The YIQ color **119.4080, 25.0340, -2.1500** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110.5920, -25.0340, 2.1500**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.0770, 27.4640, -2.1360**, and **70.4400, 22.0080, -2.3760** is the 20% darker color. If you saturate the color by 10%, you get **113.7030, 31.4530, -2.8430**, and if you desaturate by 10%, it is **125.1130, 18.6150, -1.4570**.

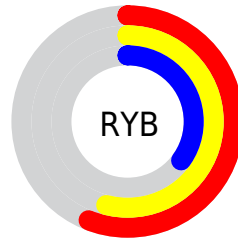
Distribution



Red (56%)

Green (45%)

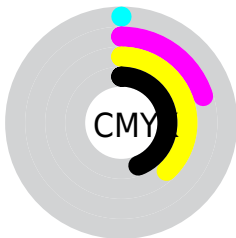
Blue (35%)



Red (56%)

Yellow (54%)

Blue (35%)

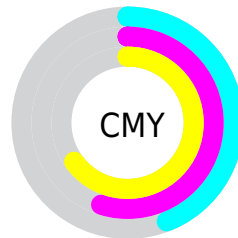


Cyan (0%)

Magenta (20%)

Yellow (38%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.4080, 25.0340, -2.1500 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 119.4080, 25.0340, -2.1500 by changing the saturation by 10% instead.

■ 119.4080, 25.0340,
-2.1500

■ 119.4080, 25.0340,
-2.1500

■ 255.0000, -0.0000,
-0.0000

■ 94.3370, 23.7960,
-1.7400

■ 172.0770, 27.4640,
-2.1360

■ 70.4400, 22.0080,
-2.3760

■ 199.2620, 28.3810,
-2.2350

■ 47.9560, 20.4950,
-2.4890

■ 227.5610, 28.9770,
-2.0230

■ 26.6570, 19.8990,
-2.7010

■ 247.4880, 12.8850,
-7.7470

■ 5.3820, 10.7280,
3.8160

■ 254.2020, 2.2470,
-2.1770

■ 0.0000, 0.0000,
0.0000

■ 119.4080, 25.0340,
-2.1500

■ 119.4080, 25.0340,
-2.1500

■ 113.7030, 31.4530,
-2.8430

■ 125.1130, 18.6150,
-1.4570

■ 107.4110, 38.1470,
-3.0130

■ 131.4050, 11.9210,
-1.2870

■ 101.5920, 44.8870,
-4.0170

■ 137.2240, 5.1810,
-0.2830

■ 95.8870, 51.3060,
-4.7100

■ 142.9290, -1.2380,
0.4100

■ 89.5950, 58.0000,
-4.8800

■ 149.2210, -7.9320,
0.5800

■ 83.8900, 64.4190,
-5.5730

■ 154.9260,
-14.3510, 1.2730

■ 82.3740, 65.9320,
-5.4600

■ 161.2180,
-21.0450, 1.4430

■ 167.0370,

-27.7850, 2.4470

■ 172.7420,
-34.2040, 3.1400

Harmonies

Analogous

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



120.7170, 28.8380, 6.0060



119.4080, 25.0340, -2.1500



117.9180, 14.4900, -9.3020

Triad

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



119.4080, 25.0340, -2.1500



111.6860, -31.7710, -13.4270



121.2470, -1.6530, 13.4430

Complementary

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



119.4080, 25.0340, -2.1500



110.5920, -25.0340, 2.1500

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.



118.5760, -18.9370, 7.2950



119.4080, 25.0340, -2.1500



111.7270, -39.0160, -8.7760

Square

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



119.4080, 25.0340, -2.1500



113.5320, -16.7780, -15.3220



114.4060, -33.3780, -0.8180



121.7990, 14.3480, 15.3080

Rectangle

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



119.4080, 25.0340, -2.1500



116.4330, 5.5500, -12.4820



114.4060, -33.3780, -0.8180



120.6700, -7.3380, 11.8460

Sweetspot

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



119.4080, 25.0340, -2.1500



175.1490, 9.7660, -0.7780



107.4520, 22.8750, 20.4670



87.1100, 5.5020, -0.5940



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



119.4080, 25.0340, -2.1500



148.4820, 39.3850, -3.4230



134.6700, 17.8840, -15.7480



68.4410, 3.0720, -0.6080



78.5200, 62.5850, -5.3750



4.7400, 3.6680, -0.3960

Inverse Universe

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



110.5920, -25.0340, 2.1500



134.5180, -39.3850, 3.4230



95.3300, -17.8840, 15.7480



67.1460, -3.3470, 0.0850



56.4800, -62.5850, 5.3750



3.2600, -3.6680, 0.3960

Previews

White Background



This preview shows how the YIQ color 119.4080, 25.0340, -2.1500 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 119.4080, 25.0340, -2.1500 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 119.4080, 25.0340, -2.1500

Background



This preview shows how black text looks on a background with the YIQ color 119.4080, 25.0340, -2.1500.



This preview shows how white text looks on a background with the YIQ color 119.4080, 25.0340,

-2.1500.

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

119.4080, 25.0340, -2.1500

Protanopia

118.3850, 14.6730, -7.1110

Deuteranopia

119.1090, 24.4380, -2.3620



Tritanopia

121.3770, 18.2920, 9.9080

Trichromacy



Original Color

119.4080, 25.0340, -2.1500

Protanomaly

118.5920, 18.5240, -5.3160

Deuteranomaly

119.1090, 24.4380, -2.3620

Tritanomaly

120.4110, 20.9520, 5.7520

Monochromacy



Original Color

119.4080, 25.0340, -2.1500

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9640, 8.8490, -0.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4080, 25.0340, -2.1500 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(142, 114, 88)` looks like.

```
.text, #text, p{  
    color:rgb(142, 114, 88)  
}
```

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(142, 114, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 114, 88) }
```

Border

The CSS property to change the border of an element to YIQ 119.4080, 25.0340, -2.1500 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(142, 114, 88) }
```


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

```
.border{ border-color:rgb(142, 114, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 114, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 114, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 114, 88);  
box-shadow:4px 4px 4px 4px rgb(142, 114,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4080, 25.0340, -2.1500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 114, 88) }
```

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

```
.background{ background-color: rgb(142,  
114, 88) }
```

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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