

Converting Colors

YIQ(129.1240, 20.0820, -0.5100)

Have a look what the booklet for
YIQ(129.1240, 20.0820, -0.5100)
contains.

YIQ(129.1240, 20.0820, -0.5100)	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(129.1240, 20.0820,
-0.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	947C6A
RGB	148, 124, 106
RGB Percent	58%, 49%, 42%
CMY	0.4196, 0.5138, 0.5842
CMYK	0.00, 0.16, 0.28, 0.42
HSL	26°, 17%, 50%
HSV	26°, 28%, 58%
XYZ	22.0240, 21.7509, 16.6797
YIQ	129.1240, 20.0820, -0.5100

Conversions

Conversions Part 2

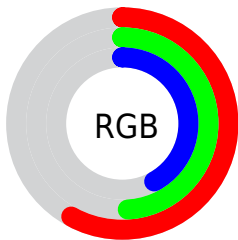
Format	Color
R_{YB}	148, 138, 106
Decimal	9731178
CIE _{Lab}	53.76, 6.41, 13.26
CIE _{LCh}	54, 14.732, 64.209
Yxy	21.7509, 0.3643, 0.3598
Android (android.graphics.Color)	4287921258 (0xFF947C6A)
YUV	129.1240, -11.4001, 16.5543
Hunter-Lab	46.6378, 2.6777, 11.4418

Details

The YIQ color $129.1240, 20.0820, -0.5100$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $124.8760, -20.0820, 0.5100$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.4940, 21.9160, -0.7080$, and $79.7540, 18.2480, -0.3120$ is the 20% darker color. If you saturate the color by 10%, you get $122.7180, 27.0970, -0.9910$, and if you desaturate by 10%, it is $135.5300, 13.0670, -0.0290$.

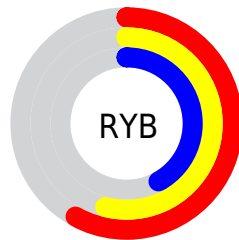
Distribution



Red (58%)

Green (49%)

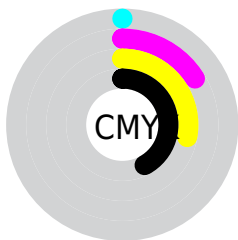
Blue (42%)



Red (58%)

Yellow (54%)

Blue (42%)

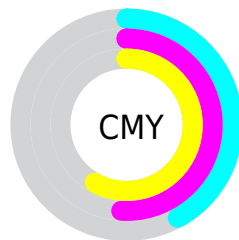


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (42%)



Cyan (42%)


Magenta (51%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.1240, 20.0820, -0.5100 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 129.1240, 20.0820, -0.5100 by changing the saturation by 10% instead.


 129.1240, 20.0820,
-0.5100


 129.1240, 20.0820,
-0.5100


255.0000, -0.0000,
-0.0000


 103.9390, 19.1650,
-0.4110


 181.9070, 22.1910,
-0.1850


 79.7540, 18.2480,
-0.3120


 209.7930, 22.5120,
-0.4960

 56.8570, 16.4600,
-0.9480

 236.5970, 20.1280,
-1.3440

 34.6720, 15.5430,
-0.8490

 253.2900, 4.8150,
-4.6650

 13.0680, 14.4880,
1.7520

 0.0000, 0.0000,
0.0000

■ 129.1240, 20.0820,
-0.5100

■ 129.1240, 20.0820,
-0.5100

■ 122.7180, 27.0970,
-0.9910

■ 135.5300, 13.0670,
-0.0290

■ 115.7250, 34.3870,
-0.9490

■ 142.5230, 5.7770,
-0.0710

■ 109.4330, 41.0810,
-1.1190

■ 148.8150, -0.9170,
0.0990

■ 102.4400, 48.3710,
-1.0770

■ 155.8080, -8.2070,
0.0570

■ 96.0340, 55.3860,
-1.5580

■ 162.2140,
-15.2220, 0.5380

■ 89.0410, 62.6760,
-1.5160

■ 169.2070,
-22.5120, 0.4960

■ 82.6350, 69.6910,
-1.9970

■ 175.6130,
-29.5270, 0.9770

■ 81.2330, 70.8830,

■ 182.4920,

-1.5730

-36.4960, 0.6240

■ 188.8980,
-43.5110, 1.1050

Harmonies

Analogous

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



130.1830, 21.5940, 5.1300



129.1240, 20.0820, -0.5100



127.8410, 13.3890, -5.8670

Triad

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



129.1240, 20.0820, -0.5100



123.6550, -21.3180, -10.1340



130.1280, -2.9360, 9.1600

Complementary

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



129.1240, 20.0820, -0.5100



124.8760, -20.0820, 0.5100

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.



127.9630, -15.7730, 5.0190



129.1240, 20.0820, -0.5100



123.8380, -26.0870, -6.3030

Square

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



129.1240, 20.0820, -0.5100



124.8750, -10.3140, -11.3220



125.7830, -24.2540, -0.9740



130.9400, 9.3970, 11.4210

Rectangle

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



129.1240, 20.0820, -0.5100



126.8400, 5.9620, -8.9340



125.7830, -24.2540, -0.9740



129.5620, -7.1540, 8.5100

Sweetspot

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



129.1240, 20.0820, -0.5100



183.1920, 8.2070, -0.0570



121.4080, 17.0070, 16.6790



92.2240, 5.1810, -0.2830



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



129.1240, 20.0820, -0.5100



161.8710, 31.0400, -0.8640



141.4510, 14.3070, -11.4930



70.8540, 3.3470, -0.0850



75.8950, 66.0230, -1.6010



5.3380, 4.8600, 0.0280

Inverse Universe

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



124.8760, -20.0820, 0.5100



155.1290, -31.0400, 0.8640



113.1360, -14.5820, 10.9700



70.1460, -3.3470, 0.0850



62.1050, -66.0230, 1.6010



4.6620, -4.8600, -0.0280

Previews

White Background



This preview shows how the YIQ color 129.1240, 20.0820, -0.5100 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 129.1240, 20.0820, -0.5100 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 129.1240, 20.0820, -0.5100

Background



This preview shows how black text looks on a background with the YIQ color 129.1240, 20.0820, -0.5100.



This preview shows how white text looks on a background with the YIQ color 129.1240, 20.0820,

-0.5100.

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

129.1240, 20.0820, -0.5100

Protanopia

128.1120, 11.1880, -4.5240

Deuteranopia

129.4230, 20.6780, -0.2980



Tritanopia

130.9960, 14.9910, 9.1590

Trichromacy



Original Color

129.1240, 20.0820, -0.5100

Protanomaly

128.6070, 14.1680, -3.4640

Deuteranomaly

129.4230, 20.6780, -0.2980

Tritanomaly

130.2580, 17.0090, 5.6250

Monochromacy



Original Color

129.1240, 20.0820, -0.5100

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0070, 7.2900, 0.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1240, 20.0820, -0.5100 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(148, 124, 106)` looks like.

```
.text, #text, p{  
    color:rgb(148, 124, 106)  
}
```

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(148, 124, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 124, 106) }
```

Border

The CSS property to change the border of an element to YIQ 129.1240, 20.0820, -0.5100 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(148, 124, 106) }
```


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

```
.border{ border-color:rgb(148, 124, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 124, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 124, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 124, 106);  
box-shadow:4px 4px 4px 4px rgb(148, 124,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1240, 20.0820, -0.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 124, 106) }
```

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

```
.background{ background-color: rgb(148,  
124, 106) }
```

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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