

Converting Colors

YIQ(120.2540, 22.8320, 4.7200)

Have a look what the booklet for
YIQ(120.2540, 22.8320, 4.7200)
contains.

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Color

**YIQ(120.2540, 22.8320,
4.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	916F67
RGB	145, 111, 103
RGB Percent	57%, 44%, 40%
CMY	0.4313, 0.5647, 0.5960
CMYK	0.00, 0.23, 0.29, 0.43
HSL	11°, 17%, 49%
HSV	11°, 29%, 57%
XYZ	19.8128, 18.3670, 15.3394
YIQ	120.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

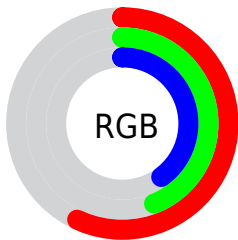
Format	Color
R_{YB}	145, 113, 103
Decimal	9531239
CIE _{Lab}	49.94, 12.25, 9.62
CIE _{LCh}	50, 15.574, 38.148
Yxy	18.3670, 0.3702, 0.3432
Android (android.graphics.Color)	4287721319 (0xFF916F67)
YUV	120.2540, -8.5062, 21.7022
Hunter-Lab	42.8568, 7.5215, 8.7785

Details

The YIQ color **120.2540, 22.8320, 4.7200** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127.7460, -22.8320, -4.7200**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.0370, 24.9410, 5.0450**, and **71.1720, 20.1270, 4.1830** is the 20% darker color. If you saturate the color by 10%, you get **111.6140, 30.6260, 6.6420**, and if you desaturate by 10%, it is **129.0080, 14.7170, 3.1090**.

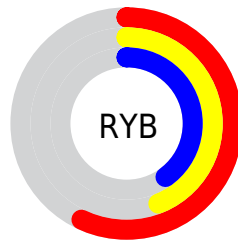
Distribution



Red (57%)

Green (44%)

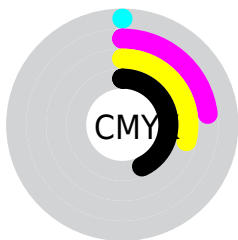
Blue (40%)



Red (57%)

Yellow (44%)

Blue (40%)

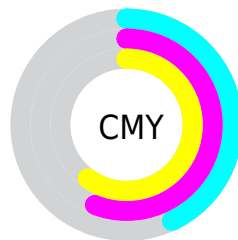


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (43%)



Cyan (43%)


Magenta (56%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.2540, 22.8320, 4.7200 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 120.2540, 22.8320, 4.7200 by changing the saturation by 10% instead.


 120.2540, 22.8320,
4.7200


 120.2540, 22.8320,
4.7200


255.0000, -0.0000,
-0.0000


 95.6560, 21.6400,
4.2960


 173.0370, 24.9410,
5.0450

 71.4710, 20.7230,
4.3950


 200.3360, 25.5370,
5.2570


 48.6880, 18.6140,
4.0700

 227.9230, 25.2620,
4.7340

 26.9760, 17.7430,
3.3350

 247.6650, 8.2530,
-0.8910

 7.5890, 14.5790,
5.6110

 0.0000, 0.0000,
0.0000

■ 120.2540, 22.8320,
4.7200

■ 120.2540, 22.8320,
4.7200

■ 111.6140, 30.6260,
6.6420

■ 129.0080, 14.7170,
3.1090

■ 102.8600, 38.7410,
8.2530

■ 137.0610, 7.1980,
1.7100

■ 94.8070, 46.2600,
9.6520

■ 145.8150, -0.9170,
0.0990

■ 86.0530, 54.3750,
11.2630

■ 154.4550, -8.7110,
-1.8230

■ 77.4130, 62.1690,
13.1850

■ 163.2090,
-16.8260, -3.4340

■ 68.6590, 70.2840,
14.7960

■ 171.8490,
-24.6200, -5.3560

■ 60.6060, 77.8030,
16.1950

■ 180.0160,
-32.4600, -6.4440

■ 59.7910, 78.7200,

■ 188.6560,

16.0960

-40.2540, -8.3660

■ 197.4100,
-48.3690, -9.9770

Harmonies

Analogous

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



120.8610, 19.8050, 10.0210



120.2540, 22.8320, 4.7200



119.5970, 20.1280, -1.3440

Triad

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



120.2540, 22.8320, 4.7200



115.0920, -12.4230, -11.6470



118.6750, -14.9020, 5.7540

Complementary

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



120.2540, 22.8320, 4.7200



127.7460, -22.8320, -4.7200

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.



116.0110, -24.8960, -0.3520



120.2540, 22.8320, 4.7200



113.2850, -23.1520, -9.9360

Square

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



120.2540, 22.8320, 4.7200



116.2630, 0.2770, -10.5310



114.1690, -28.5170, -6.3170



120.5520, -1.1940, 10.6300

Rectangle

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



120.2540, 22.8320, 4.7200



118.6240, 15.4980, -5.5420



114.1690, -28.5170, -6.3170



117.4680, -18.7530, 3.9590

Sweetspot

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



120.2540, 22.8320, 4.7200



178.8440, 9.3070, 2.0350



119.4340, 14.1180, 19.4780



88.1640, 5.4100, 1.0740



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



120.2540, 22.8320, 4.7200



149.7780, 36.0360, 7.7160



132.5810, 17.0570, -6.2630



67.2670, 3.6220, 0.4380



55.6270, 73.3100, 15.0220



2.9790, 4.4930, 1.1730

Inverse Universe

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



127.7460, -22.8320, -4.7200



161.6350, -35.7610, -7.1930



115.4190, -17.0570, 6.2630



68.3200, -3.8970, -0.9610



79.9600, -73.5850, -15.5450



4.4340, -4.2180, -0.6500

Previews

White Background



This preview shows how the YIQ color 120.2540, 22.8320, 4.7200 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 120.2540, 22.8320, 4.7200 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 120.2540, 22.8320, 4.7200

Background



This preview shows how black text looks on a background with the YIQ color 120.2540, 22.8320, 4.7200.



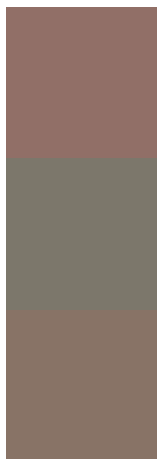
This preview shows how white text looks on a background with the YIQ color 120.2540, 22.8320,

4.7200.

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

120.2540, 22.8320, 4.7200

Protanopia

119.1270, 6.8320, -2.6720

Deuteranopia

119.7970, 16.6890, 0.4090



Tritanopia

121.2740, 20.0800, 10.5440

Trichromacy



Original Color

120.2540, 22.8320, 4.7200

Protanomaly

119.6440, 12.7460, 0.2820

Deuteranomaly

120.1070, 18.7520, 1.5680

Tritanomaly

120.9920, 20.8140, 8.2540

Monochromacy



Original Color

120.2540, 22.8320, 4.7200

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.2460, 8.1150, 1.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.2540, 22.8320, 4.7200 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(145, 111, 103)` looks like.

```
.text, #text, p{  
    color:rgb(145, 111, 103)  
}
```

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(145, 111, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 111, 103) }
```

Border

The CSS property to change the border of an element to YIQ 120.2540, 22.8320, 4.7200 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(145, 111, 103) }
```


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

```
.border{ border-color:rgb(145, 111, 103) }
```

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

Here you see how a box with a 4 pixel rgb(145, 111, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 111, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 111, 103);  
box-shadow:4px 4px 4px 4px rgb(145, 111,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 120.2540, 22.8320, 4.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 111, 103) }
```

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

```
.background{ background-color: rgb(145,  
111, 103) }
```

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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