

Converting Colors

YIQ(124.2500, 28.6550, 3.8150)

Have a look what the booklet for
YIQ(124.2500, 28.6550, 3.8150)
contains.

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Color

**YIQ(124.2500, 28.6550,
3.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7263
RGB	154, 114, 99
RGB Percent	60%, 45%, 39%
CMY	0.3960, 0.5530, 0.6116
CMYK	0.00, 0.26, 0.36, 0.40
HSL	16°, 22%, 50%
HSV	16°, 36%, 60%
XYZ	21.5997, 19.8045, 14.4966
YIQ	124.2500, 28.6550, 3.8150

Conversions

Conversions Part 2

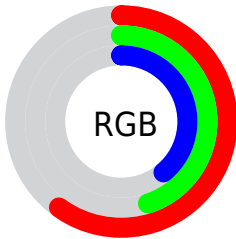
Format	Color
RYB	154, 120, 99
Decimal	10121827
CIELab	51.62, 13.68, 14.45
CIELCh	52, 19.898, 46.583
Yxy	19.8045, 0.3864, 0.3543
Android (android.graphics.Color)	4288311907 (0xFF9A7263)
YUV	124.2500, -12.4482, 26.0907
Hunter-Lab	44.5022, 8.7582, 11.8378

Details

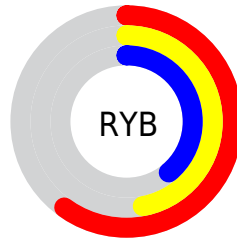
The YIQ color $124.2500, 28.6550, 3.8150$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $128.7500, -28.6550, -3.8150$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $177.3320, 31.3600, 4.3520$, and $74.8690, 25.3540, 3.0660$ is the 20% darker color. If you saturate the color by 10%, you get $116.0830, 36.4950, 4.9030$, and if you desaturate by 10%, it is $132.4170, 20.8150, 2.7270$.

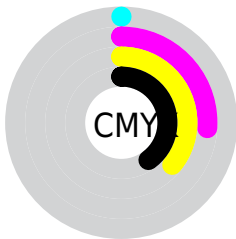
Distribution



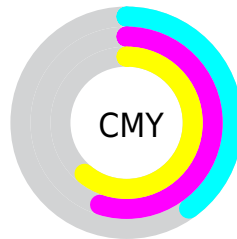
- Red (60%)
- Green (45%)
- Blue (39%)



- Red (60%)
- Yellow (47%)
- Blue (39%)



- Cyan (0%)
- Magenta (26%)
- Yellow (36%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.2500, 28.6550, 3.8150 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 124.2500, 28.6550, 3.8150 by changing the saturation by 10% instead.

124.2500, 28.6550,
3.8150

124.2500, 28.6550,
3.8150

255.0000, -0.0000,
-0.0000

98.7660, 27.1420,
3.7020

177.3320, 31.3600,
4.3520

74.8690, 25.3540,
3.0660

204.6310, 31.9560,
4.5640

51.4990, 23.5200,
3.2640

229.2280, 25.7210,
1.9210

29.3740, 22.3740,
2.0060

249.4430, 8.7580,
-4.5380

9.2690, 18.4760,
6.5720

0.0000, 0.0000,
0.0000

■ 124.2500, 28.6550,
3.8150

■ 124.2500, 28.6550,
3.8150

■ 116.0830, 36.4950,
4.9030

■ 132.4170, 20.8150,
2.7270

■ 107.8020, 44.6560,
5.6800

■ 140.6980, 12.6540,
1.9500

■ 99.0480, 52.7710,
7.2910

■ 149.4520, 4.5390,
0.3390

■ 90.7670, 60.9320,
8.0680

■ 157.7330, -3.6220,
-0.4380

■ 82.6000, 68.7720,
9.1560

■ 165.9000,
-11.4620, -1.5260

■ 74.4330, 76.6120,
10.2440

■ 174.0670,
-19.3020, -2.6140

■ 70.7000, 80.2340,
10.6820

■ 182.3480,
-27.4630, -3.3910

■ 191.1020,

-35.5780, -5.0020

■ 199.3830,
-43.7390, -5.7790

Harmonies

Analogous

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



125.3950, 27.0490, 10.8970



124.2500, 28.6550, 3.8150



122.8700, 23.6130, -3.9310

Triad

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



124.2500, 28.6550, 3.8150



116.9060, -20.7670, -14.6150



123.0820, -14.4900, 9.3020

Complementary

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



124.2500, 28.6550, 3.8150



128.7500, -28.6550, -3.8150

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.



119.8410, -30.1690, 1.5990



124.2500, 28.6550, 3.8150



115.5440, -34.2470, -12.6070

Square

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



124.2500, 28.6550, 3.8150



118.7030, -4.0780, -14.2060



116.0800, -38.5120, -6.8960



125.8130, 2.5650, 14.0930

Rectangle

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



124.2500, 28.6550, 3.8150



121.8150, 16.2780, -8.6660



116.0800, -38.5120, -6.8960



122.0920, -20.4500, 7.1820

Sweetspot

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



124.2500, 28.6550, 3.8150



189.1000, 11.4620, 1.5260



120.0050, 19.9400, 24.1000



94.6480, 6.9230, 1.1870



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.



124.2500, 28.6550, 3.8150



154.2150, 44.9310, 6.2030



140.0990, 21.2300, -10.3060



72.5660, 4.2180, 0.6500



64.1660, 72.9900, 9.8060



5.6480, 6.9230, 1.1870

Inverse Universe

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



128.7500, -28.6550, -3.8150



161.7850, -44.9310, -6.2030



112.9010, -21.2300, 10.3060



72.8470, -3.9430, -0.1270



75.8340, -72.9900, -9.8060



6.7650, -6.6480, -0.6640

Previews

White Background



This preview shows how the YIQ color 124.2500, 28.6550, 3.8150 looks on a white background.

Color Contrast Check

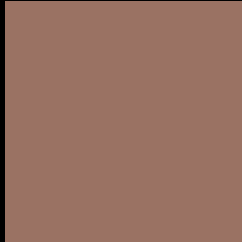
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.2500, 28.6550, 3.8150 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 124.2500, 28.6550, 3.8150

Background



This preview shows how black text looks on a background with the YIQ color 124.2500, 28.6550, 3.8150.



This preview shows how white text looks on a background with the YIQ color 124.2500, 28.6550,

3.8150.

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

124.2500, 28.6550, 3.8150

Protanopia

122.8130, 10.5920, -4.7360

Deuteranopia

123.4940, 21.9160, -0.7080



Tritanopia

125.4810, 23.9310, 12.3390

Trichromacy



Original Color

124.2500, 28.6550, 3.8150

Protanomaly

123.6290, 17.1020, -1.5700

Deuteranomaly

124.1030, 24.5750, 0.6630

Tritanomaly

124.8570, 25.6280, 9.1160

Monochromacy



Original Color

124.2500, 28.6550, 3.8150

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9150, 10.5450, 1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.2500, 28.6550, 3.8150 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, 114, 99)` looks like.

```
.text, #text, p{  
    color:rgb(154, 114, 99)  
}
```

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, 114, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 114, 99) }
```

Border

The CSS property to change the border of an element to YIQ 124.2500, 28.6550, 3.8150 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, 114, 99) }
```


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

```
.border{ border-color:rgb(154, 114, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 114, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 114, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 114, 99);  
box-shadow:4px 4px 4px 4px rgb(154, 114,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 124.2500, 28.6550, 3.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 114, 99) }
```

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

```
.background{ background-color: rgb(154,  
114, 99) }
```

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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