

Converting Colors

YIQ(120.7950, 9.8620, -24.5540)

Have a look what the booklet for
YIQ(120.7950, 9.8620, -24.5540)
contains.

YIQ(120.7950, 9.8620, -24.5540)	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(120.7950, 9.8620,
-24.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	738644
RGB	115, 134, 68
RGB Percent	45%, 53%, 27%
CMY	0.5491, 0.4745, 0.7332
CMYK	0.14, 0.00, 0.49, 0.47
HSL	77°, 33%, 40%
HSV	77°, 49%, 53%
XYZ	16.6376, 21.1133, 8.6709
YIQ	120.7950, 9.8620, -24.5540

Conversions

Conversions Part 2

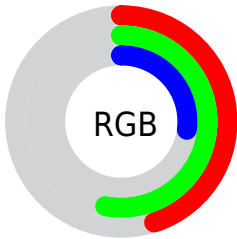
Format	Color
RYB	68, 134, 87
Decimal	7571012
CIELab	53.07, -18.03, 33.05
CIElCh	53, 37.646, 118.621
Yxy	21.1133, 0.3584, 0.4548
Android (android.graphics.Color)	4285761092 (0xFF738644)
YUV	120.7950, -26.0279, -5.0822
Hunter-Lab	45.9493, -15.7787, 20.9761

Details

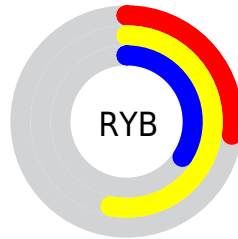
The YIQ color $120.7950, 9.8620, -24.5540$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $81.2050, -9.8620, 24.5540$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $173.4530, 10.8250, -25.4870$, and $71.1370, 8.8990, -23.6210$ is the 20% darker color. If you saturate the color by 10%, you get $118.1170, 11.6510, -29.4450$, and if you desaturate by 10%, it is $123.4730, 8.0730, -19.6630$.

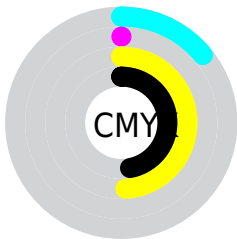
Distribution



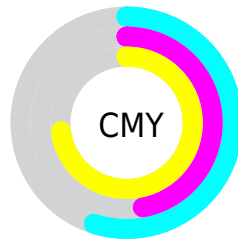
- Red (45%)
- Green (53%)
- Blue (27%)



- Red (27%)
- Yellow (53%)
- Blue (34%)



- Cyan (14%)
- Magenta (0%)
- Yellow (49%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.7950, 9.8620, -24.5540 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 120.7950, 9.8620, -24.5540 by changing the saturation by 10% instead.

■ 120.7950, 9.8620,
-24.5540

■ 120.7950, 9.8620,
-24.5540

■ 255.0000, -0.0000,
-0.0000

■ 95.9090, 9.5410,
-24.2430

■ 173.4530, 10.8250,
-25.4870

■ 71.1370, 8.8990,
-23.6210

■ 201.2250, 11.4670,
-26.1090

■ 48.3650, 8.2570,
-22.9990

■ 229.1110, 11.7880,
-26.4200

■ 28.2750, 0.0030,
-16.5810

■ 247.9040, 17.1050,
-18.1510

■ 11.1530, -5.2250,
-9.9370

■ 251.6940, 9.3090,
-9.0190

■ 0.0000, 0.0000,
0.0000

■ 120.7950, 9.8620,
-24.5540

■ 120.7950, 9.8620,
-24.5540

■ 118.1170, 11.6510,
-29.4450

■ 123.4730, 8.0730,
-19.6630

■ 115.3250, 13.7610,
-34.6470

■ 126.2650, 5.9630,
-14.4610

■ 112.6470, 15.5500,
-39.5380

■ 128.9430, 4.1740,
-9.5700

■ 110.1540, 18.2560,
-44.5280

■ 131.4360, 1.4680,
-4.5800

■ 107.4760, 20.0450,
-49.4190

■ 134.1140, -0.3210,
0.3110

■ 107.0630, 19.7700,
-49.9420

■ 136.7920, -2.1100,
5.2020

■ 139.5840, -4.2200,
10.4040

■ 142.2620, -6.0090,

15.2950

■ 145.0540, -8.1190,
20.4970

Harmonies

Analogous

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



123.9940, 34.5270, -14.5050



120.7950, 9.8620, -24.5540



115.0930, -23.3320, -28.7080

Triad

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



120.7950, 9.8620, -24.5540



102.2270, -96.3260, -16.4060



128.8350, 41.0300, 27.3500

Complementary

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



120.7950, 9.8620, -24.5540



81.2050, -9.8620, 24.5540

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.



130.7970, 17.8300, 29.3020



120.7950, 9.8620, -24.5540



119.0030, -56.8080, 5.3040

Square

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



120.7950, 9.8620, -24.5540



101.8390, -89.7220, -25.9620



128.8020, -16.0970, 21.9110



127.4320, 51.9900, 15.9420

Rectangle

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



120.7950, 9.8620, -24.5540



107.8860, -53.5460, -31.8020



128.8020, -16.0970, 21.9110



129.3660, 35.1610, 29.0890

Sweetspot

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



120.7950, 9.8620, -24.5540



167.9430, 4.1740, -9.5700



98.8870, 34.1110, 4.0550



83.6810, 2.1560, -6.0360



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



120.7950, 9.8620, -24.5540



152.7010, 15.4580, -37.8700



110.9280, -9.8060, -31.5500



64.7180, 0.7340, -2.2900



104.1170, 19.6780, -48.2740



2.3590, 0.3670, -1.1450

Inverse Universe

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



81.2050, -9.8620, 24.5540



91.5980, -14.8620, 38.0820



91.0720, 9.8060, 31.5500



61.2820, -0.7340, 2.2900



26.1820, -19.0820, 48.4860



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 120.7950, 9.8620, -24.5540 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 120.7950, 9.8620, -24.5540 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 120.7950, 9.8620, -24.5540

Background



This preview shows how black text looks on a background with the YIQ color 120.7950, 9.8620, -24.5540.



This preview shows how white text looks on a background with the YIQ color 120.7950, 9.8620,

-24.5540.

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

120.7950, 9.8620, -24.5540

Protanopia

123.9330, 27.3290, -16.2150

Deuteranopia

125.1670, 35.7180, -8.5540



Tritanopia

126.2430, -4.9980, 2.4740

Trichromacy



Original Color

120.7950, 9.8620, -24.5540

Protanomaly

123.1170, 20.8190, -19.3810

Deuteranomaly

123.8020, 26.3200, -14.4480

Tritanomaly

124.2570, 0.4140, -7.5060

Monochromacy



Original Color

120.7950, 9.8620, -24.5540

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1710, 3.5320, -8.9480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.7950, 9.8620, -24.5540 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(115, 134, 68)` looks like.

```
.text, #text, p{  
    color:rgb(115, 134, 68)  
}
```

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(115, 134, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 134, 68) }
```

Border

The CSS property to change the border of an element to YIQ 120.7950, 9.8620, -24.5540 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(115, 134, 68) }
```


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

```
.border{ border-color:rgb(115, 134, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 134, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 134, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 134, 68);  
box-shadow:4px 4px 4px 4px rgb(115, 134,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 120.7950, 9.8620, -24.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 134, 68) }
```

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

```
.background{ background-color: rgb(115,  
134, 68) }
```

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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