

Converting Colors

YIQ(123.2060, 4.4510, -20.1010)

Have a look what the booklet for
YIQ(123.2060, 4.4510, -20.1010)
contains.

YIQ(123.2060, 4.4510, -20.1010)	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(123.2060, 4.4510,
-20.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	738754
RGB	115, 135, 84
RGB Percent	45%, 53%, 33%
CMY	0.5491, 0.4705, 0.6705
CMYK	0.15, 0.00, 0.38, 0.47
HSL	84°, 23%, 43%
HSV	84°, 38%, 53%
XYZ	17.3335, 21.6140, 11.6489
YIQ	123.2060, 4.4510, -20.1010

Conversions

Conversions Part 2

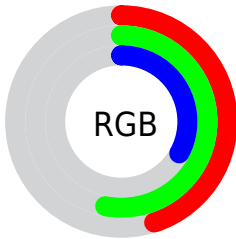
Format	Color
R_{YB}	84, 135, 104
Decimal	7571284
CIE Lab	53.62, -16.52, 25.08
CIE LCh	54, 30.034, 123.374
Yxy	21.6140, 0.3426, 0.4272
Android (android.graphics.Color)	4285761364 (0xFF738754)
YUV	123.2060, -19.3286, -7.1967
Hunter-Lab	46.4909, -14.8078, 17.6878

Details

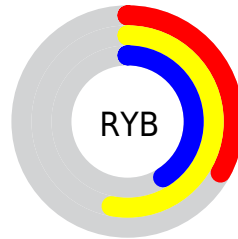
The YIQ color $123.2060, 4.4510, -20.1010$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $95.7940, -4.4510, 20.1010$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.8640, 5.4140, -21.0340$, and $73.9610, 3.7630, -18.6450$ is the 20% darker color. If you saturate the color by 10%, you get $120.2290, 5.6440, -25.2040$, and if you desaturate by 10%, it is $126.2970, 2.9370, -14.6870$.

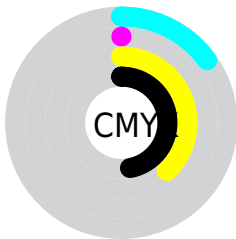
Distribution



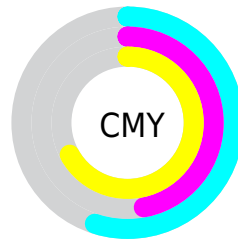
- Red (45%)
- Green (53%)
- Blue (33%)



- Red (33%)
- Yellow (53%)
- Blue (41%)



- Cyan (15%)
- Magenta (0%)
- Yellow (38%)
- Black (47%)





- Cyan (55%)
- Magenta (47%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 123.2060, 4.4510, -20.1010 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 123.2060, 4.4510, -20.1010 by changing the saturation by 10% instead.


 123.2060, 4.4510,
-20.1010


 123.2060, 4.4510,
-20.1010

 255.0000, -0.0000,
-0.0000

 98.3200, 4.1300,
-19.7900

 175.8640, 5.4140,
-21.0340

 73.9610, 3.7630,
-18.6450


 203.4510, 5.1390,
-21.5570


 51.0750, 3.4420,
-18.3340

 231.9240, 5.1850,
-22.3910

 30.0580, 2.1120,
-16.2560

 249.6570, 10.7310,
-12.7650

 12.3270, -5.7750,
-10.9830

 253.7460, 3.5310,
-3.4210

 0.0000, 0.0000,
0.0000

■ 123.2060, 4.4510,
-20.1010

■ 123.2060, 4.4510,
-20.1010

■ 120.2290, 5.6440,
-25.2040

■ 126.2970, 2.9370,
-14.6870

■ 116.8390, 6.5620,
-30.8300

■ 129.5730, 2.3400,
-9.3720

■ 113.8620, 7.7550,
-35.9330

■ 132.6640, 0.8260,
-3.9580

■ 110.7710, 9.2690,
-41.3470

■ 135.6410, -0.3670,
1.1450

■ 107.4950, 9.8660,
-46.6620

■ 138.7320, -1.8810,
6.5590

■ 104.4040, 11.3800,
-52.0760

■ 142.0080, -2.4780,
11.8740

■ 103.7630, 11.7470,
-53.2210

■ 145.0990, -3.9920,
17.2880

■ 148.0760, -5.1850,

22.3910

■ 151.4660, -6.1030,
28.0170

Harmonies

Analogous

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



125.6710, 25.3110, -12.6810



123.2060, 4.4510, -20.1010



119.1520, -21.8200, -23.0680

Triad

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



123.2060, 4.4510, -20.1010



115.5040, -63.1330, -6.7250



130.6830, 35.3460, 20.2260

Complementary

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



123.2060, 4.4510, -20.1010



95.7940, -4.4510, 20.1010

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.



131.8090, 17.5560, 23.2520



123.2060, 4.4510, -20.1010



125.4200, -35.9930, 8.0310

Square

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



123.2060, 4.4510, -20.1010



106.8300, -76.3350, -20.7750



130.2990, -7.4310, 19.0410



129.5940, 42.5460, 10.8820

Rectangle

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



123.2060, 4.4510, -20.1010



115.3870, -41.5350, -23.7030



130.2990, -7.4310, 19.0410



131.3990, 30.3940, 21.8660

Sweetspot

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



123.2060, 4.4510, -20.1010



171.4420, 1.3310, -7.6050



110.9890, 24.8960, 0.3520



86.5500, 1.1470, -4.2690



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



123.2060, 4.4510, -20.1010



157.7250, 6.8830, -31.1410



115.7310, -10.4490, -25.4010



64.7180, 0.7340, -2.2900



99.9310, 11.3340, -51.2420



2.3590, 0.3670, -1.1450

Inverse Universe

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



95.7940, -4.4510, 20.1010



115.2750, -6.8830, 31.1410



103.2690, 10.4490, 25.4010



61.2820, -0.7340, 2.2900



30.0690, -11.3340, 51.2420



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 123.2060, 4.4510, -20.1010 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 123.2060, 4.4510, -20.1010 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 123.2060, 4.4510, -20.1010

Background



This preview shows how black text looks on a background with the YIQ color 123.2060, 4.4510, -20.1010.



This preview shows how white text looks on a background with the YIQ color 123.2060, 4.4510,

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

123.2060, 4.4510, -20.1010

Protanopia

125.9310, 21.6430, -12.2850

Deuteranopia

127.2790, 29.7110, -4.3130



Tritanopia

127.7590, -6.5110, 2.3610

Trichromacy



Original Color

123.2060, 4.4510, -20.1010

Protanomaly

125.1150, 15.1330, -15.4510

Deuteranomaly

125.9140, 20.3130, -10.2070

Tritanomaly

126.3430, -2.7040, -6.0640

Monochromacy



Original Color

123.2060, 4.4510, -20.1010

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8550, 1.6060, -7.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.2060, 4.4510, -20.1010 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, 135, 84)` looks like.

```
.text, #text, p{  
    color:rgb(115, 135, 84)  
}
```

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, 135, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 135, 84) }
```

Border

The CSS property to change the border of an element to YIQ 123.2060, 4.4510, -20.1010 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, 135, 84) }
```


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

```
.border{ border-color:rgb(115, 135, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 135, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 135, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 135, 84);  
box-shadow:4px 4px 4px 4px rgb(115, 135,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 123.2060, 4.4510, -20.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 135, 84) }
```

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

```
.background{ background-color: rgb(115,  
135, 84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor