

Converting Colors

YIQ(124.3310, -20.7660,
-20.1420)

Have a look what the booklet for
YIQ(124.3310, -20.7660, -20.1420)
contains.

YIQ(124.3310, -20.7660, -20.1420)	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(124.3310, -20.7660,
-20.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8F71
RGB	92, 143, 113
RGB Percent	36%, 56%, 44%
CMY	0.6394, 0.4391, 0.5569
CMYK	0.36, 0.00, 0.21, 0.44
HSL	145°, 22%, 46%
HSV	145°, 36%, 56%
XYZ	17.2155, 23.1167, 19.1730
YIQ	124.3310, -20.7660, -20.1420

Conversions

Conversions Part 2

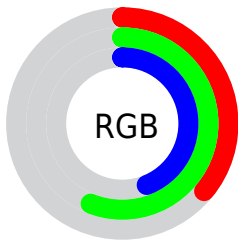
Format	Color
R_{YB}	92, 128, 143
Decimal	6066033
CIE _{Lab}	55.19, -23.97, 10.65
CIE _{LCh}	55, 26.223, 156.049
Yxy	23.1167, 0.2893, 0.3885
Android (android.graphics.Color)	4284256113 (0xFF5C8F71)
YUV	124.3310, -5.5862, -28.3543
Hunter-Lab	48.0799, -20.2259, 10.0126

Details

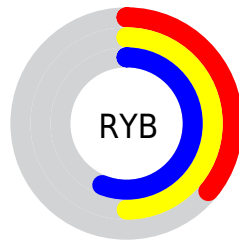
The YIQ color $124.3310, -20.7660, -20.1420$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $110.6690, 20.7660, 20.1420$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $177.5050, -21.3160, -21.1880$, and $74.2710, -20.5370, -18.7850$ is the 20% darker color. If you saturate the color by 10%, you get $119.2330, -26.5420, -25.5980$, and if you desaturate by 10%, it is $129.4290, -14.9900, -14.6860$.

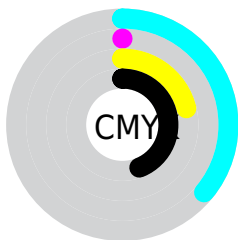
Distribution



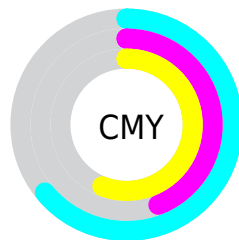
- Red (36%)
- Green (56%)
- Blue (44%)



- Red (36%)
- Yellow (50%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.3310, -20.7660, -20.1420 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 124.3310, -20.7660, -20.1420 by changing the saturation by 10% instead.

■ 124.3310,
-20.7660, -20.1420

■ 124.3310,
-20.7660, -20.1420

■ 255.0000, -0.0000,
-0.0000

■ 98.7440, -20.4910,
-19.6190

■ 177.5050,
-21.3160, -21.1880

■ 73.9720, -21.1330,
-18.9970

■ 205.0920,
-21.5910, -21.7110

■ 49.9010, -22.3710,
-18.5870

■ 233.6790,
-21.8660, -22.2340

■ 29.5100, -19.7120,
-17.2160

■ 245.8300,
-14.4410, -8.1130

■ 15.8490, -7.4250,
-14.1210

■ 0.0000, 0.0000,
0.0000

■ 124.3310,
-20.7660, -20.1420

■ 124.3310,
-20.7660, -20.1420

■ 119.2330,
-26.5420, -25.5980

■ 129.4290,
-14.9900, -14.6860

■ 113.7220,
-32.5930, -31.5770

■ 134.9400, -8.9390,
-8.7070

■ 108.6240,
-38.3690, -37.0330

■ 140.0380, -3.1630,
-3.2510

■ 103.4120,
-43.8240, -42.8000

■ 145.2500, 2.2920,
2.5160

■ 98.0150, -50.1960,
-48.4680

■ 150.3480, 8.0680,
7.9720

■ 92.9170, -55.9720,
-53.9240

■ 155.7450, 14.4400,
13.6400

■ 90.6670, -58.2640,
-56.4400

■ 160.9570, 19.8950,
19.4070

■ 166.0550, 25.6710,

24.8630

■ 171.5660, 31.7220,
30.8420

Harmonies

Analogous

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



128.0040, 2.2040, -17.9240



124.3310, -20.7660, -20.1420



120.6520, -43.5990, -19.3350

Triad

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



124.3310, -20.7660, -20.1420



130.8400, -28.4280, 8.5960



133.7890, 37.5030, 8.6630

Complementary

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



124.3310, -20.7660, -20.1420



110.6690, 20.7660, 20.1420

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.



134.7210, 32.1830, 16.9750



124.3310, -20.7660, -20.1420



134.8000, -4.5880, 17.0760

Square

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



124.3310, -20.7660, -20.1420



123.7400, -49.0580, -2.9940



135.8150, 17.4190, 20.2270



131.8990, 33.8370, -1.9950

Rectangle

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



124.3310, -20.7660, -20.1420



118.7850, -54.0990, -16.2670



135.8150, 17.4190, 20.2270



133.8970, 37.3190, 11.9990

Sweetspot

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



124.3310, -20.7660, -20.1420



178.6520, -8.0680, -7.9720



131.2060, 4.4510, -20.1010



89.6140, -4.9050, -4.7210



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.



124.3310, -20.7660, -20.1420



156.7220, -32.5930, -31.5770



127.1810, -28.7910, -12.3670



68.4510, -2.8880, -2.7280



85.6290, -55.1010, -53.1890



5.0380, -3.1630, -3.2510

Inverse Universe

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



110.6690, 20.7660, 20.1420



135.2780, 32.5930, 31.5770



107.8190, 28.7910, 12.3670



66.5490, 2.8880, 2.7280



49.4850, 54.7800, 53.5000



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 124.3310, -20.7660, -20.1420 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 124.3310, -20.7660, -20.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

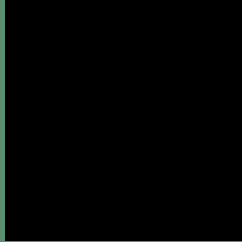
Any Text WCAG AA ✓ Pass

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 124.3310, -20.7660, -20.1420 Background



This preview shows how black text looks on a background with the YIQ color 124.3310, -20.7660, -20.1420.



This preview shows how white text looks on a background with the YIQ color 124.3310, -20.7660, -20.1420.

-20.1420.

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

124.3310, -20.7660, -20.1420

Protanopia

130.6560, 12.4720, -5.7680

Deuteranopia

132.6230, 17.2390, 1.4550



Tritanopia

127.8920, -26.1790, -4.6350

Trichromacy



Original Color

124.3310, -20.7660, -20.1420

Protanomaly

128.1490, 0.5980, -10.8420

Deuteranomaly

129.7520, 3.3940, -6.4460

Tritanomaly

126.6870, -24.3440, -10.3600

Monochromacy



Original Color

124.3310, -20.7660, -20.1420

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.0650, -7.7930, -7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.3310, -20.7660, -20.1420 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(92, 143, 113)` looks like.

```
.text, #text, p{  
    color:rgb(92, 143, 113)  
}
```

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(92, 143, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 143, 113) }
```

Border

The CSS property to change the border of an element to YIQ 124.3310, -20.7660, -20.1420 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(92, 143, 113) }
```


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

```
.border{ border-color:rgb(92, 143, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 143, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 143, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 143, 113);  
box-shadow:4px 4px 4px 4px rgb(92, 143,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 124.3310, -20.7660, -20.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 143, 113) }
```

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

```
.background{ background-color: rgb(92, 143,  
113) }
```

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