

Converting Colors

YIQ(123.6450, 20.1730, 3.3490)

Have a look what the booklet for
YIQ(123.6450, 20.1730, 3.3490)
contains.

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Color

**YIQ(123.6450, 20.1730,
3.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	91746B
RGB	145, 116, 107
RGB Percent	57%, 45%, 42%
CMY	0.4313, 0.5451, 0.5803
CMYK	0.00, 0.20, 0.26, 0.43
HSL	14°, 15%, 49%
HSV	14°, 26%, 57%
XYZ	20.5789, 19.5712, 16.6090
YIQ	123.6450, 20.1730, 3.3490

Conversions

Conversions Part 2

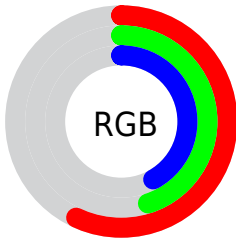
Format	Color
R_{YB}	145, 119, 107
Decimal	9532523
CIE _{Lab}	51.35, 9.94, 9.26
CIE _{LCh}	51, 13.583, 42.959
Yxy	19.5712, 0.3626, 0.3448
Android (android.graphics.Color)	4287722603 (0xFF91746B)
YUV	123.6450, -8.2060, 18.7283
Hunter-Lab	44.2393, 5.6144, 8.7079

Details

The YIQ color **123.6450, 20.1730, 3.3490** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.3550, -20.1730, -3.3490**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.1290, 21.6860, 3.4620**, and **74.8620, 18.0640, 3.0240** is the 20% darker color. If you saturate the color by 10%, you get **115.5920, 27.6920, 4.7480**, and if you desaturate by 10%, it is **131.8120, 12.3330, 2.2610**.

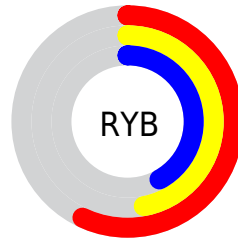
Distribution



Red (57%)

Green (45%)

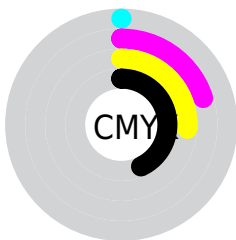
Blue (42%)



Red (57%)

Yellow (47%)

Blue (42%)

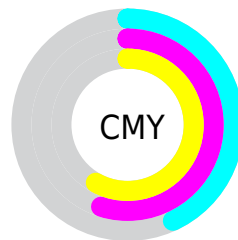


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (43%)



Cyan (43%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.6450, 20.1730, 3.3490 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 123.6450, 20.1730, 3.3490 by changing the saturation by 10% instead.

■ 123.6450, 20.1730,
3.3490

■ 123.6450, 20.1730,
3.3490

■ 255.0000, -0.0000,
-0.0000

■ 98.4600, 19.2560,
3.4480

■ 176.1290, 21.6860,
3.4620

■ 74.8620, 18.0640,
3.0240

■ 203.7270, 22.8780,
3.8860

■ 51.3780, 16.5510,
2.9110

■ 231.4280, 22.2820,
3.6740

■ 30.4810, 14.7630,
2.2750

■ 251.6430, 5.3190,
-2.7850

■ 7.7740, 15.4960,
5.5120

■ 0.0000, 0.0000,
0.0000

■ 123.6450, 20.1730,
3.3490

■ 123.6450, 20.1730,
3.3490

■ 115.5920, 27.6920,
4.7480

■ 131.8120, 12.3330,
2.2610

■ 107.4250, 35.5320,
5.8360

■ 139.8650, 4.8140,
0.8620

■ 99.3720, 43.0510,
7.2350

■ 148.0320, -3.0260,
-0.2260

■ 91.2050, 50.8910,
8.3230

■ 156.0850,
-10.5450, -1.6250

■ 83.1520, 58.4100,
9.7220

■ 164.2520,
-18.3850, -2.7130

■ 74.9850, 66.2500,
10.8100

■ 172.3050,
-25.9040, -4.1120

■ 66.3450, 74.0440,
12.7320

■ 181.0590,
-34.0190, -5.7230

■ 63.3130, 77.0700,

■ 189.1120,

12.9580

-41.5380, -7.1220

■ 197.2790,
-49.3780, -8.2100

Harmonies

Analogous

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



124.3230, 18.3840, 8.2400



123.6450, 20.1730, 3.3490



122.5150, 17.4230, -1.8810

Triad

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



123.6450, 20.1730, 3.3490



119.0320, -12.1940, -10.2900



122.8280, -10.9590, 5.8810

Complementary

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



123.6450, 20.1730, 3.3490



128.3550, -20.1730, -3.3490

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.



119.9900, -20.4030, 0.8210



123.6450, 20.1730, 3.3490



118.0080, -20.8140, -8.2540

Square

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



123.6450, 20.1730, 3.3490



119.7190, -1.0070, -9.2870



118.6750, -24.0700, -4.3100



124.2810, 1.0070, 9.2870

Rectangle

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



123.6450, 20.1730, 3.3490



121.7700, 12.1510, -5.4570



118.6750, -24.0700, -4.3100



121.9200, -14.2140, 4.2980

Sweetspot

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



123.6450, 20.1730, 3.3490



180.2460, 8.1150, 1.6110



121.6680, 13.3390, 17.0750



88.8650, 4.8140, 0.8620



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.



123.6450, 20.1730, 3.3490



155.8590, 31.3140, 5.1860



134.7980, 14.9480, -6.5880



67.2670, 3.6220, 0.4380



59.1490, 71.6600, 11.8840



3.5660, 4.2180, 0.6500

Inverse Universe

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



128.3550, -20.1730, -3.3490



163.1410, -31.3140, -5.1860



117.2020, -14.9480, 6.5880



68.3200, -3.8970, -0.9610



75.8510, -71.6600, -11.8840



4.4340, -4.2180, -0.6500

Previews

White Background



This preview shows how the YIQ color 123.6450, 20.1730, 3.3490 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 123.6450, 20.1730, 3.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

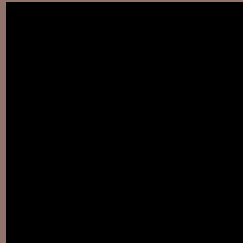
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 123.6450, 20.1730, 3.3490

Background



This preview shows how black text looks on a background with the YIQ color 123.6450, 20.1730, 3.3490.

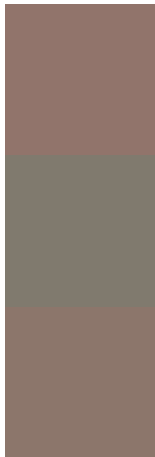


This preview shows how white text looks on a background with the YIQ color 123.6450, 20.1730,

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

123.6450, 20.1730, 3.3490

Protanopia

122.4260, 7.4280, -2.4600

Deuteranopia

123.3240, 16.6430, 1.2430



Tritanopia

124.7790, 17.1000, 9.4840

Trichromacy



Original Color

123.6450, 20.1730, 3.3490

Protanomaly

122.9320, 11.8750, -0.4530

Deuteranomaly

123.3350, 18.1100, 2.1900

Tritanomaly

124.4970, 17.8340, 7.1940

Monochromacy



Original Color

123.6450, 20.1730, 3.3490

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9470, 7.5190, 1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6450, 20.1730, 3.3490 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, 116, 107)` looks like.

```
.text, #text, p{  
    color:rgb(145, 116, 107)  
}
```

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, 116, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 116, 107) }
```

Border

The CSS property to change the border of an element to YIQ 123.6450, 20.1730, 3.3490 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, 116, 107) }
```


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

```
.border{ border-color:rgb(145, 116, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 116, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 116, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 116, 107);  
box-shadow:4px 4px 4px 4px rgb(145, 116,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6450, 20.1730, 3.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 116, 107) }
```

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

```
.background{ background-color: rgb(145,  
116, 107) }
```

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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