

Converting Colors

YIQ(106.7430, -1.5550,
-21.3870)

Have a look what the booklet for
YIQ(106.7430, -1.5550, -21.3870)
contains.

YIQ(106.7430, -1.5550, -21.3870)	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(106.7430, -1.5550,
-21.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7948
RGB	92, 121, 72
RGB Percent	36%, 47%, 28%
CMY	0.6393, 0.5254, 0.7176
CMYK	0.24, 0.00, 0.40, 0.53
HSL	96°, 25%, 38%
HSV	96°, 40%, 47%
XYZ	12.4199, 16.4197, 8.6470
YIQ	106.7430, -1.5550, -21.3870

Conversions

Conversions Part 2

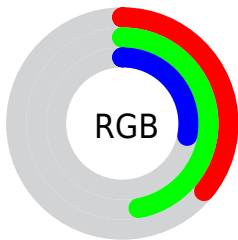
Format	Color
R_{YB}	72, 121, 101
Decimal	6060360
CIE Lab	47.52, -20.07, 23.55
CIE LCh	48, 30.942, 130.437
Yxy	16.4197, 0.3313, 0.4380
Android (android.graphics.Color)	4284250440 (0xFF5C7948)
YUV	106.7430, -17.1283, -12.9296
Hunter-Lab	40.5212, -16.2011, 15.7127

Details

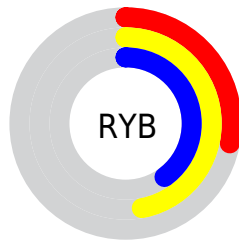
The YIQ color $106.7430, -1.5550, -21.3870$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $86.2570, 1.5550, 21.3870$, and the grayscale version is $107.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $158.1020, -1.1880, -22.5320$, and $58.4980, -2.2430, -19.9310$ is the 20% darker color. If you saturate the color by 10%, you get $103.2820, -1.8750, -26.6030$, and if you desaturate by 10%, it is $110.2040, -1.2350, -16.1710$.

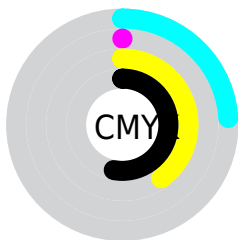
Distribution



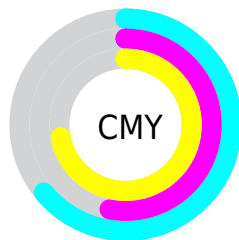
- Red (36%)
- Green (47%)
- Blue (28%)



- Red (28%)
- Yellow (47%)
- Blue (40%)



- Cyan (24%)
- Magenta (0%)
- Yellow (40%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.7430, -1.5550, -21.3870 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 106.7430, -1.5550, -21.3870 by changing the saturation by 10% instead.

106.7430, -1.5550,
-21.3870

106.7430, -1.5550,
-21.3870

255.0000, -0.0000,
-0.0000

82.2700, -1.6010,
-20.5530

158.6890, -1.4630,
-23.0550

58.4980, -2.2430,
-19.9310

185.5750, -1.1420,
-23.3660

35.6830, -1.3260,
-20.0300

213.4610, -0.8210,
-23.6770

17.6100, -8.2500,
-15.6900

240.1730, 0.0500,
-22.9420

0.0000, 0.0000,
0.0000

252.1500, 8.0250,
-7.7750

■ 106.7430, -1.5550,
-21.3870

■ 106.7430, -1.5550,
-21.3870

■ 103.2820, -1.8750,
-26.6030

■ 110.2040, -1.2350,
-16.1710

■ 99.8210, -2.1950,
-31.8190

■ 113.6650, -0.9150,
-10.9550

■ 96.0610, -3.1110,
-37.2470

■ 117.1260, -0.5950,
-5.7390

■ 92.6000, -3.4310,
-42.4630

■ 120.8860, 0.3210,
-0.3110

■ 89.1390, -3.7510,
-47.6790

■ 124.4610, 0.3200,
5.2160

■ 85.6780, -4.0710,
-52.8950

■ 127.9220, 0.6400,
10.4320

■ 131.3830, 0.9600,
15.6480

■ 134.8440, 1.2800,

20.8640

■ 138.6040, 2.1960,
26.2920

Harmonies

Analogous

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



109.6380, 20.9100, -15.5220



106.7430, -1.5550, -21.3870



101.4330, -29.9810, -23.8450

Triad

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



106.7430, -1.5550, -21.3870



99.2590, -63.8210, -5.2690



114.7110, 38.1430, 19.0950

Complementary

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



106.7430, -1.5550, -21.3870



86.2570, 1.5550, 21.3870

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.



115.5600, 22.6910, 23.8030



106.7430, -1.5550, -21.3870



111.0510, -30.4000, 11.2960

Square

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



106.7430, -1.5550, -21.3870



90.0190, -81.2410, -19.9690



115.7620, -1.4250, 20.3270



113.6000, 42.4090, 7.8570

Rectangle

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



106.7430, -1.5550, -21.3870



94.8030, -54.5100, -25.3420



115.7620, -1.4250, 20.3270



115.0250, 34.3830, 21.1590

Sweetspot

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



106.7430, -1.5550, -21.3870



152.5450, -0.4570, -8.2410



103.6740, 21.2290, -4.7790



75.6530, -0.6410, -4.9050



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



106.7430, -1.5550, -21.3870



135.4680, -2.6990, -33.6990



101.2190, -14.7590, -24.3830



59.4190, 0.1380, -2.5020



88.6240, -3.9790, -54.5630



178.7210, -7.9120, -109.9600

Inverse Universe

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



86.2570, 1.5550, 21.3870



103.5320, 2.6990, 33.6990



91.7810, 14.7590, 24.3830



56.8800, 0.4580, 2.7140



36.3760, 3.9790, 54.5630



73.5780, 8.5080, 110.1720

Previews

White Background



This preview shows how the YIQ color 106.7430, -1.5550, -21.3870 looks on a white 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

Black Background



This preview shows how the YIQ color 106.7430, -1.5550, -21.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

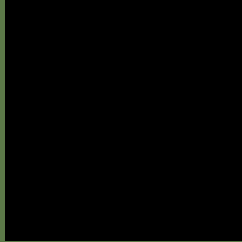
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.7430, -1.5550, -21.3870

Background



This preview shows how black text looks on a background with the YIQ color 106.7430, -1.5550, -21.3870.



This preview shows how white text looks on a background with the YIQ color 106.7430, -1.5550,

-21.3870.

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

106.7430, -1.5550, -21.3870

Protanopia

110.3870, 20.3590, -11.0410

Deuteranopia

112.3110, 26.6850, -4.5390



Tritanopia

111.5410, -11.8290, -0.3810

Trichromacy



Original Color

106.7430, -1.5550, -21.3870

Protanomaly

108.9730, 12.6570, -14.6310

Deuteranomaly

110.3480, 16.0950, -10.8570

Tritanomaly

109.6520, -8.0680, -7.9720

Monochromacy



Original Color

106.7430, -1.5550, -21.3870

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.9580, -0.1820, -7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7430, -1.5550, -21.3870 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, 121, 72)` looks like.

```
.text, #text, p{  
    color:rgb(92, 121, 72)  
}
```

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, 121, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 121, 72) }
```

Border

The CSS property to change the border of an element to YIQ 106.7430, -1.5550, -21.3870 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, 121, 72) }
```


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

```
.border{ border-color:rgb(92, 121, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 121, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 121, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 121, 72);  
box-shadow:4px 4px 4px 4px rgb(92, 121,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7430, -1.5550, -21.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 121, 72) }
```

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

```
.background{ background-color: rgb(92, 121,  
72) }
```

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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