

Converting Colors

YIQ(123.1220, 4.0870, -35.5370)

Have a look what the booklet for
YIQ(123.1220, 4.0870, -35.5370)
contains.

YIQ(123.1220, 4.0870, -35.5370)	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(123.1220, 4.0870,
-35.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	69913A
RGB	105, 145, 58
RGB Percent	41%, 57%, 23%
CMY	0.5884, 0.4313, 0.7725
CMYK	0.28, 0.00, 0.60, 0.43
HSL	88°, 43%, 40%
HSV	88°, 60%, 57%
XYZ	16.7134, 23.5625, 7.6730
YIQ	123.1220, 4.0870, -35.5370

Conversions

Conversions Part 2

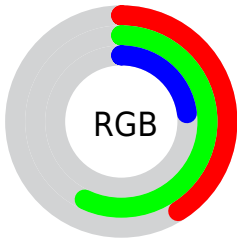
Format	Color
RYB	58, 145, 98
Decimal	6918458
CIELab	55.65, -28.70, 40.92
CIELCh	56, 49.983, 125.047
Yxy	23.5625, 0.3486, 0.4914
Android (android.graphics.Color)	4285108538 (0xFF69913A)
YUV	123.1220, -32.1051, -15.8930
Hunter-Lab	48.5412, -23.4872, 24.6068

Details

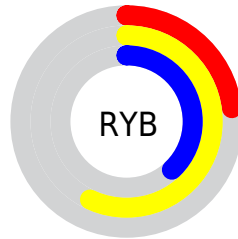
The YIQ color $123.1220, 4.0870, -35.5370$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $79.8780, -4.0870, 35.5370$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.6660, 5.3710, -36.7810$, and $71.7800, 5.0500, -36.4700$ is the 20% darker color. If you saturate the color by 10%, you get $119.4330, 4.4090, -41.3750$, and if you desaturate by 10%, it is $126.9250, 3.4440, -29.3880$.

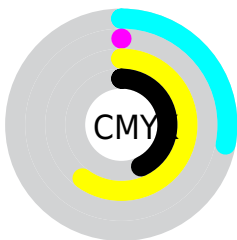
Distribution



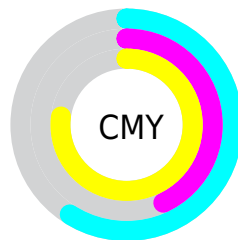
- Red (41%)
- Green (57%)
- Blue (23%)



- Red (23%)
- Yellow (57%)
- Blue (38%)



- Cyan (28%)
- Magenta (0%)
- Yellow (60%)
- Black (43%)



- Cyan (59%)
- Magenta (43%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.1220, 4.0870, -35.5370 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 123.1220, 4.0870, -35.5370 by changing the saturation by 10% instead.

■ 123.1220, 4.0870,
-35.5370

■ 123.1220, 4.0870,
-35.5370

■ 255.0000, -0.0000,
-0.0000

■ 97.2360, 3.7660,
-35.2260

■ 176.6660, 5.3710,
-36.7810

■ 71.7800, 5.0500,
-36.4700

■ 204.2530, 5.0960,
-37.3040

■ 49.7610, -1.9660,
-30.4620

■ 232.3240, 6.3340,
-37.7140

■ 27.5890, -12.9250,
-24.5810

■ 244.1870, 14.6300,
-22.8580

■ 16.4360, -7.7000,
-14.6440

■ 250.6680, 12.1980,
-11.8180

■ 0.0000, 0.0000,
0.0000

■ 253.9740, 2.8890,

-2.7990

■ 123.1220, 4.0870,
-35.5370

■ 123.1220, 4.0870,
-35.5370

■ 119.4330, 4.4090,
-41.3750

■ 126.9250, 3.4440,
-29.3880

■ 115.9290, 5.6480,
-47.3120

■ 130.3150, 2.5260,
-23.7620

■ 112.2400, 5.9700,
-53.1500

■ 134.1180, 1.8830,
-17.6130

■ 108.4370, 6.6130,
-59.2990

■ 137.8070, 1.5610,
-11.7750

■ 141.3110, 0.3220,
-5.8380

■ 145.0000, 0.0000,
-0.0000

■ 148.8030, -0.6430,
6.1490

■ 152.1930, -1.5610,
11.7750

■ 155.9960, -2.2040,
17.9240

Harmonies

Analogous

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



127.4810, 39.9850, -25.3190



123.1220, 4.0870, -35.5370



110.2200, -52.0310, -42.7430

Triad

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



123.1220, 4.0870, -35.5370



110.3430, -108.1560, -11.2600



133.1580, 59.4140, 35.5900

Complementary

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



123.1220, 4.0870, -35.5370



79.8780, -4.0870, 35.5370

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.



136.7760, 31.4910, 40.5390



123.1220, 4.0870, -35.5370



122.2540, -73.4520, 9.5880

Square

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



123.1220, 4.0870, -35.5370



110.5590, -100.4970, -23.4170



136.5780, -12.1100, 32.2580



131.8700, 68.3120, 17.4960

Rectangle

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



123.1220, 4.0870, -35.5370



104.5340, -82.1540, -41.9780



136.5780, -12.1100, 32.2580



134.1450, 52.2610, 38.5730

Sweetspot

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



123.1220, 4.0870, -35.5370



180.3400, 1.3780, -13.9660



106.9060, 41.1270, -1.9530



89.0290, 1.0560, -8.1280



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.



123.1220, 4.0870, -35.5370



154.6590, 6.1080, -55.6520



110.2650, -21.5410, -44.6530



69.3050, 0.4590, -2.8130



101.0720, 6.3830, -55.1290



5.8920, 0.1840, -3.3360

Inverse Universe

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



79.8780, -4.0870, 35.5370



87.0420, -6.7040, 55.4400



92.7350, 21.5410, 44.6530



65.9940, 0.1370, 3.0250



33.9280, -6.3830, 55.1290



2.1080, -0.1840, 3.3360

Previews

White Background



This preview shows how the YIQ color 123.1220, 4.0870, -35.5370 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 123.1220, 4.0870, -35.5370 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 123.1220, 4.0870, -35.5370

Background



This preview shows how black text looks on a background with the YIQ color 123.1220, 4.0870, -35.5370.



This preview shows how white text looks on a background with the YIQ color 123.1220, 4.0870,

-35.5370.

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

123.1220, 4.0870, -35.5370

Protanopia

128.4790, 34.2990, -21.3890

Deuteranopia

130.1800, 42.8710, -11.5370



Tritanopia

131.5730, -14.8550, -0.6070

Trichromacy



Original Color

123.1220, 4.0870, -35.5370

Protanomaly

126.1570, 23.3420, -26.5620

Deuteranomaly

127.7820, 29.0720, -20.2720

Tritanomaly

128.4900, -7.7920, -12.9760

Monochromacy



Original Color

123.1220, 4.0870, -35.5370

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8670, 1.3320, -13.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.1220, 4.0870, -35.5370 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(105, 145, 58)` looks like.

```
.text, #text, p{  
    color:rgb(105, 145, 58)  
}
```

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(105, 145, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 145, 58) }
```

Border

The CSS property to change the border of an element to YIQ 123.1220, 4.0870, -35.5370 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(105, 145, 58) }
```


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

```
.border{ border-color:rgb(105, 145, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 145, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 145, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 145, 58);  
box-shadow:4px 4px 4px 4px rgb(105, 145,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 123.1220, 4.0870, -35.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 145, 58) }
```

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

```
.background{ background-color: rgb(105,  
145, 58) }
```

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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