

Converting Colors

YIQ(121.0640, -15.2200,
-10.5160)

Have a look what the booklet for
YIQ(121.0640, -15.2200, -10.5160)
contains.

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Color

**YIQ(121.0640, -15.2200,
-10.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	648478
RGB	100, 132, 120
RGB Percent	39%, 52%, 47%
CMY	0.6079, 0.4823, 0.5295
CMYK	0.24, 0.00, 0.09, 0.48
HSL	157°, 14%, 45%
HSV	157°, 24%, 52%
XYZ	16.8956, 20.5700, 20.8451
YIQ	121.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

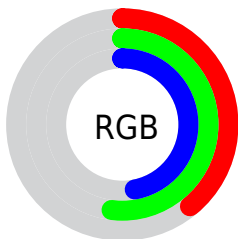
Format	Color
RYB	100, 120, 132
Decimal	6587512
CIELab	52.48, -14.02, 2.79
CIELCh	52, 14.294, 168.733
Yxy	20.5700, 0.2898, 0.3528
Android (android.graphics.Color)	4284777592 (0xFF648478)
YUV	121.0640, -0.5246, -18.4731
Hunter-Lab	45.3542, -12.8739, 4.4979

Details

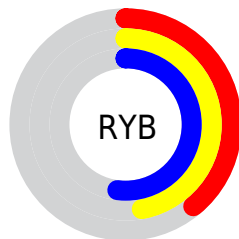
The YIQ color **121.0640, -15.2200, -10.5160** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **110.9360, 15.2200, 10.5160**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3520, -16.0910, -11.2510**, and **71.8900, -14.6700, -9.4700** is the 20% darker color. If you saturate the color by 10%, you get **116.6070, -21.3630, -14.8270**, and if you desaturate by 10%, it is **125.5210, -9.0770, -6.2050**.

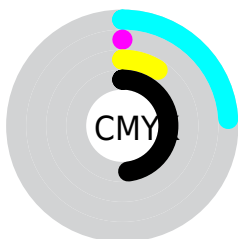
Distribution



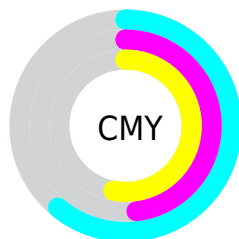
- Red (39%)
- Green (52%)
- Blue (47%)



- Red (39%)
- Yellow (47%)
- Blue (52%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (48%)



- Cyan (61%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.0640, -15.2200, -10.5160 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 121.0640, -15.2200, -10.5160 by changing the saturation by 10% instead.

■ 121.0640,
-15.2200, -10.5160

■ 121.0640,
-15.2200, -10.5160

■ 255.0000, -0.0000,
-0.0000

■ 96.3630, -14.6240,
-10.3040

■ 173.3520,
-16.0910, -11.2510

■ 71.8900, -14.6700,
-9.4700

■ 201.0530,
-16.6870, -11.4630

■ 49.1890, -14.0740,
-9.2580

■ 229.0530,
-16.6870, -11.4630

■ 27.0040, -14.9910,
-9.1590

■ 248.7210,
-12.5160, -4.4520

■ 9.6200, -5.0420,
-7.7460

■ 0.0000, 0.0000,
0.0000

■ 121.0640,
-15.2200, -10.5160

■ 121.0640,
-15.2200, -10.5160

■ 116.6070,
-21.3630, -14.8270

■ 125.5210, -9.0770,
-6.2050

■ 112.1500,
-27.5060, -19.1380

■ 129.9780, -2.9340,
-1.8940

■ 107.3940,
-34.2450, -23.6610

■ 134.7340, 3.8050,
2.6290

■ 102.9370,
-40.3880, -27.9720

■ 139.1910, 9.9480,
6.9400

■ 98.4800, -46.5310,
-32.2830

■ 143.6480, 16.0910,
11.2510

■ 94.0230, -52.6740,
-36.5940

■ 148.1050, 22.2340,
15.5620

■ 89.5660, -58.8170,
-40.9050

■ 152.5620, 28.3770,
19.8730

■ 86.8320, -62.6220,

■ 157.3180, 35.1160,

-43.5340

24.3960

■ 161.7750, 41.2590,
28.7070

Harmonies

Analogous

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



122.5230, -3.3910, -10.1350



121.0640, -15.2200, -10.5160



120.4530, -23.5650, -7.9570

Triad

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



121.0640, -15.2200, -10.5160



125.8390, -9.4920, 6.8280



126.3030, 21.1360, 2.4160

Complementary

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



121.0640, -15.2200, -10.5160



110.9360, 15.2200, 10.5160

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.



127.2800, 19.9430, 7.5190



121.0640, -15.2200, -10.5160



127.4770, 3.3910, 10.1350

Square

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



121.0640, -15.2200, -10.5160



123.8160, -19.8530, 1.8670



127.4520, 13.7070, 10.4030



125.2760, 16.5980, -3.4500

Rectangle

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



121.0640, -15.2200, -10.5160



120.6640, -25.5370, -5.2570



127.4520, 13.7070, 10.4030



126.6560, 21.6400, 4.2960

Sweetspot

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



121.0640, -15.2200, -10.5160



166.8420, -5.5470, -4.0990



122.3720, -1.6480, -14.1920



84.5650, -3.2090, -2.4170



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



121.0640, -15.2200, -10.5160



153.8840, -23.7010, -16.5090



120.0840, -17.9720, -4.6920



63.9780, -2.9340, -1.8940



85.5440, -61.7510, -42.7990



1.9890, -1.4670, -0.9470

Inverse Universe

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



110.9360, 15.2200, 10.5160



138.1160, 23.7010, 16.5090



111.9160, 17.9720, 4.6920



62.0220, 2.9340, 1.8940



44.4560, 61.7510, 42.7990



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 121.0640, -15.2200, -10.5160 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 121.0640, -15.2200, -10.5160 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 121.0640, -15.2200, -10.5160 Background



This preview shows how black text looks on a background with the YIQ color 121.0640, -15.2200, -10.5160.



This preview shows how white text looks on a background with the YIQ color 121.0640, -15.2200, -10.5160.

-10.5160.

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

121.0640, -15.2200, -10.5160

Protanopia

124.5830, 5.5480, -1.4280

Deuteranopia

126.1970, 9.8110, 3.9150



Tritanopia

122.6650, -18.1100, -2.1900

Trichromacy



Original Color

121.0640, -15.2200, -10.5160

Protanomaly

123.1690, -2.1540, -5.0180

Deuteranomaly

124.2450, 0.6880, -1.4560

Tritanomaly

122.1550, -16.7340, -5.1020

Monochromacy



Original Color

121.0640, -15.2200, -10.5160

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9560, -5.8680, -3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.0640, -15.2200, -10.5160 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(100, 132, 120)` looks like.

```
.text, #text, p{  
    color:rgb(100, 132, 120)  
}
```

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(100, 132, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 132, 120) }
```

Border

The CSS property to change the border of an element to YIQ 121.0640, -15.2200, -10.5160 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(100, 132, 120) }
```


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

```
.border{ border-color:rgb(100, 132, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 132, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 132, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 132, 120);  
box-shadow:4px 4px 4px 4px rgb(100, 132,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 121.0640, -15.2200, -10.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 132, 120) }
```

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

```
.background{ background-color: rgb(100,  
132, 120) }
```

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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