

Converting Colors

YIQ(124.0450, -77.2440,
-64.8920)

Have a look what the booklet for
YIQ(124.0450, -77.2440, -64.8920)
contains.

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Color

**YIQ(124.0450, -77.2440,
-64.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	0ABB63
RGB	10, 187, 99
RGB Percent	4%, 73%, 39%
CMY	0.9612, 0.2664, 0.6120
CMYK	0.95, 0.00, 0.47, 0.27
HSL	150°, 90%, 39%
HSV	150°, 95%, 73%
XYZ	20.1589, 36.5356, 17.7787
YIQ	124.0450, -77.2440, -64.8920

Conversions

Conversions Part 2

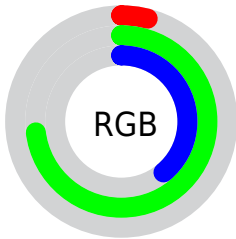
Format	Color
RYB	10, 128, 187
Decimal	703331
CIELab	66.93, -59.26, 33.66
CIELCh	67, 68.157, 150.402
Yxy	36.5356, 0.2707, 0.4906
Android (android.graphics.Color)	4278893411 (0xFF0ABB63)
YUV	124.0450, -12.3472, -100.0175
Hunter-Lab	60.4447, -46.2465, 24.8721

Details

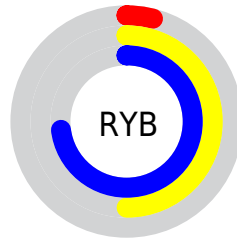
The YIQ color **124.0450, -77.2440, -64.8920** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **72.9550, 77.2440, 64.8920**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.0430, -56.5670, -59.6630**, and **83.1840, -52.3500, -53.4860** is the 20% darker color. If you saturate the color by 10%, you get **120.4850, -81.5990, -68.5670**, and if you desaturate by 10%, it is **130.7520, -68.8090, -58.0650**.

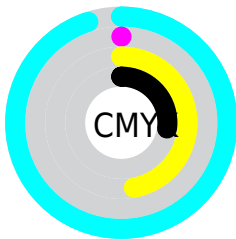
Distribution



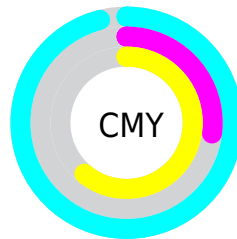
- Red (4%)
- Green (73%)
- Blue (39%)



- Red (4%)
- Yellow (50%)
- Blue (73%)



- Cyan (95%)
- Magenta (0%)
- Yellow (47%)
- Black (27%)



- Cyan (96%)
- Magenta (27%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.0450, -77.2440, -64.8920 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 124.0450, -77.2440, -64.8920 by changing the saturation by 10% instead.

■ 124.0450,
-77.2440, -64.8920

■ 124.0450,
-77.2440, -64.8920

■ 255.0000, -0.0000,
-0.0000

■ 101.7690,
-67.4790, -60.1430

■ 190.0430,
-56.5670, -59.6630

■ 83.1840, -52.3500,
-53.4860

■ 208.8470,
-49.7830, -50.4470

■ 65.1860, -37.4960,
-47.3520

■ 221.3080,
-40.2950, -35.1670

■ 46.9600, -22.0000,
-41.8400

■ 233.4700,
-31.4030, -20.0990

■ 32.8720, -15.4000,
-29.2880

■ 244.8340,
-20.2640, -7.2080

■ 18.7840, -8.8000,
-16.7360

■ 254.1030, -1.7880,

■ 0.0000, 0.0000,

-0.6360

0.0000

■ 124.0450,
-77.2440, -64.8920

■ 124.0450,
-77.2440, -64.8920

■ 120.4850,
-81.5990, -68.5670

■ 130.7520,
-68.8090, -58.0650

■ 137.2740,
-61.2910, -51.1390

■ 143.9810,
-52.8560, -44.3120

■ 150.6880,
-44.4210, -37.4850

■ 157.0960,
-36.5820, -30.8700

■ 163.9170,
-28.4680, -23.7320

■ 170.6240,
-20.0330, -16.9050

■ 177.3310,
-11.5980, -10.0780

■ 183.8530, -4.0800,
-3.1520

Harmonies

Analogous

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



148.0840, 15.2770, -51.1150



124.0450, -77.2440, -64.8920



130.5850, -104.5270, -49.5110

Triad

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



124.0450, -77.2440, -64.8920



128.8600, -128.6050, -9.6050



153.8450, 87.7960, 27.8280

Complementary

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



124.0450, -77.2440, -64.8920



72.9550, 77.2440, 64.8920

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.



154.9290, 70.9650, 52.0290



124.0450, -77.2440, -64.8920



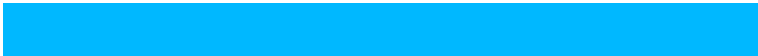
163.5090, -24.8570, 37.5030

Square

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



124.0450, -77.2440, -64.8920



137.0780, -132.4550, -16.9270



166.2520, 36.6230, 57.6710



157.6340, 88.6270, -3.7650

Rectangle

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



124.0450, -77.2440, -64.8920



135.9600, -118.2840, -36.9720



166.2520, 36.6230, 57.6710



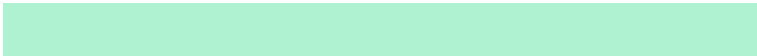
152.6030, 83.0260, 37.1860

Sweetspot

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



124.0450, -77.2440, -64.8920



217.9060, -29.9350, -24.6790



140.2110, 3.7730, -73.9150



107.4610, -18.0160, -14.9120



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



124.0450, -77.2440, -64.8920



155.9620, -105.7120, -88.6240



134.0770, -105.4920, -37.5240



90.8530, -4.0800, -3.1520



101.7520, -68.8090, -58.0650



19.9070, -13.3400, -11.5480

Inverse Universe

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



72.9550, 77.2440, 64.8920



86.0380, 105.7120, 88.6240



62.9230, 105.4920, 37.5240



88.2610, 3.7590, 3.4630



56.2480, 68.8090, 58.0650



10.9790, 13.6610, 11.2370

Previews

White Background



This preview shows how the YIQ color 124.0450, -77.2440, -64.8920 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 124.0450, -77.2440, -64.8920 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 ✓ Pass

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

YIQ 124.0450, -77.2440, -64.8920 Background



This preview shows how black text looks on a background with the YIQ color 124.0450, -77.2440, -64.8920.



This preview shows how white text looks on a background with the YIQ color 124.0450, -77.2440, -64.8920.

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

124.0450, -77.2440, -64.8920

Protanopia

158.5760, 32.6480, -19.0000

Deuteranopia

160.6020, 38.9270, -6.1370



Tritanopia

146.9020, -67.6700, -18.1180

Trichromacy



Original Color

124.0450, -77.2440, -64.8920



Protanomaly

145.9620, -7.1460, -35.7060



Deuteranomaly

147.2710, -3.3420, -27.5500



Tritanomaly

138.9100, -71.2890, -35.1370

Monochromacy



Original Color

124.0450, -77.2440, -64.8920



Achromatopsia

124.0000, -0.0000, -0.0000



Achromatomaly

124.2160, -27.8720, -23.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.0450, -77.2440, -64.8920 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(10, 187, 99)` looks like.

```
.text, #text, p{  
    color:rgb(10, 187, 99)  
}
```

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(10, 187, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 187, 99) }
```

Border

The CSS property to change the border of an element to YIQ 124.0450, -77.2440, -64.8920 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(10, 187, 99) }
```


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

```
.border{ border-color:rgb(10, 187, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 187, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 187, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 187, 99);  
box-shadow:4px 4px 4px 4px rgb(10, 187,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 124.0450, -77.2440, -64.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 187, 99) }
```

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

```
.background{ background-color: rgb(10, 187,  
99) }
```

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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