

Converting Colors

YIQ(120.0310, 23.9370,
-20.8230)

Have a look what the booklet for
YIQ(120.0310, 23.9370, -20.8230)
contains.

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Color

**YIQ(120.0310, 23.9370,
-20.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	827F3A
RGB	130, 127, 58
RGB Percent	51%, 50%, 23%
CMY	0.4902, 0.5020, 0.7724
CMYK	0.00, 0.02, 0.55, 0.49
HSL	58°, 38%, 37%
HSV	58°, 55%, 51%
XYZ	17.5584, 20.2293, 6.9873
YIQ	120.0310, 23.9370, -20.8230

Conversions

Conversions Part 2

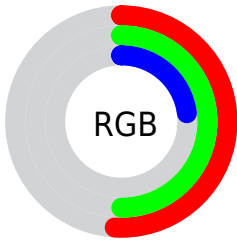
Format	Color
RYB	61, 130, 58
Decimal	8552250
CIELab	52.10, -8.75, 37.33
CIELCh	52, 38.346, 103.192
Yxy	20.2293, 0.3921, 0.4518
Android (android.graphics.Color)	4286742330 (0xFF827F3A)
YUV	120.0310, -30.5813, 8.7428
Hunter-Lab	44.9770, -9.0260, 22.2731

Details

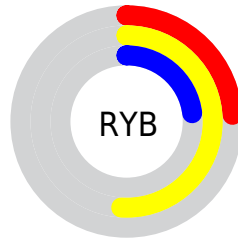
The YIQ color **120.0310, 23.9370, -20.8230** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **67.9690, -23.9370, 20.8230**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.1730, 26.4130, -21.6430**, and **70.0200, 22.4700, -21.7700** is the 20% darker color. If you saturate the color by 10%, you get **117.9620, 28.3850, -24.3430**, and if you desaturate by 10%, it is **122.1000, 19.4890, -17.3030**.

Distribution



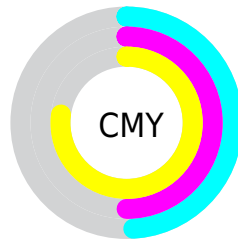
- Red (51%)
- Green (50%)
- Blue (23%)



- Red (24%)
- Yellow (51%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (55%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.0310, 23.9370, -20.8230 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 120.0310, 23.9370, -20.8230 by changing the saturation by 10% instead.

120.0310, 23.9370,
-20.8230

120.0310, 23.9370,
-20.8230

255.0000, -0.0000,
-0.0000

94.8460, 23.0200,
-20.7240

173.2870, 26.0920,
-21.3320

70.0200, 22.4700,
-21.7700

200.3580, 27.3300,
-21.7420

48.7300, 17.6550,
-17.1050

228.5430, 28.2470,
-21.8410

28.9280, 8.5300,
-11.4220

247.2480, 21.8280,
-21.1480

8.2180, -3.8500,
-7.3220

250.4400, 12.8400,
-12.4400

0.0000, 0.0000,
0.0000

253.7460, 3.5310,

-3.4210

■ 120.0310, 23.9370,
-20.8230

■ 120.0310, 23.9370,
-20.8230

■ 117.9620, 28.3850,
-24.3430

■ 122.1000, 19.4890,
-17.3030

■ 116.4800, 32.5580,
-28.3860

■ 123.5820, 15.3160,
-13.2600

■ 114.4110, 37.0060,
-31.9060

■ 125.6510, 10.8680,
-9.7400

■ 112.9290, 41.1790,
-35.9490

■ 127.1330, 6.6950,
-5.6970

■ 112.2450, 43.1050,
-37.8150

■ 129.2020, 2.2470,
-2.1770

■ 130.6840, -1.9260,
1.8660

■ 132.7530, -6.3740,
5.3860

■ 134.2350,
-10.5470, 9.4290

■ 136.3040,
-14.9950, 12.9490

Harmonies

Analogous

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



122.8860, 43.8790, -7.7770



120.0310, 23.9370, -20.8230



115.9010, -5.1760, -27.3520

Triad

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



120.0310, 23.9370, -20.8230



100.7450, -92.1530, -20.4490



127.7400, 31.1720, 29.7960

Complementary

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



120.0310, 23.9370, -20.8230



67.9690, -23.9370, 20.8230

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.



127.8320, 1.5540, 26.9140



120.0310, 23.9370, -20.8230



99.3890, -96.6020, -11.4020

Square

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



120.0310, 23.9370, -20.8230



98.4990, -83.0730, -30.8250



122.3370, -36.9570, 14.4910



125.5060, 49.1460, 23.4340

Rectangle

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



120.0310, 23.9370, -20.8230



111.3310, -29.9340, -30.2060



122.3370, -36.9570, 14.4910



127.6620, 22.6440, 30.1640

Sweetspot

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



120.0310, 23.9370, -20.8230



164.2210, 9.2630, -8.1850



79.9840, 41.6280, 16.5080



81.4750, 5.7320, -4.7640



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



120.0310, 23.9370, -20.8230



152.9980, 36.7310, -32.4290



112.2240, 4.0400, -29.1760



62.6150, 2.5220, -1.6540



109.8860, 42.7380, -36.6700



0.0000, 0.0000, 0.0000

Inverse Universe

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



67.9690, -23.9370, 20.8230



72.5890, -37.0060, 31.9060



75.7760, -4.0400, 29.1760



58.3850, -2.5220, 1.6540



17.5270, -42.4630, 37.1930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 120.0310, 23.9370, -20.8230 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 120.0310, 23.9370, -20.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

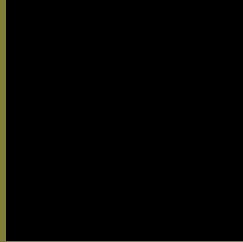
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.0310, 23.9370, -20.8230

Background



This preview shows how black text looks on a background with the YIQ color 120.0310, 23.9370, -20.8230.



This preview shows how white text looks on a background with the YIQ color 120.0310, 23.9370,

-20.8230.

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

120.0310, 23.9370, -20.8230

Protanopia

120.5480, 29.8510, -17.8690

Deuteranopia

121.8530, 39.4780, -10.6180



Tritanopia

125.5220, 7.5180, 6.9260

Trichromacy



Original Color

120.0310, 23.9370, -20.8230

Protanomaly

120.2380, 27.7880, -19.0280

Deuteranomaly

121.1080, 34.2060, -14.1940

Tritanomaly

123.4220, 13.2510, -3.3650

Monochromacy



Original Color

120.0310, 23.9370, -20.8230

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.3350, 8.9420, -7.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0310, 23.9370, -20.8230 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(130, 127, 58)` looks like.

```
.text, #text, p{  
    color:rgb(130, 127, 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(130, 127, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 127, 58) }
```

Border

The CSS property to change the border of an element to YIQ 120.0310, 23.9370, -20.8230 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(130, 127, 58) }
```


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

```
.border{ border-color:rgb(130, 127, 58) }
```

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

Here you see how a box with a 4 pixel rgb(130, 127, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 127, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 127, 58);  
box-shadow:4px 4px 4px 4px rgb(130, 127,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0310, 23.9370, -20.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 127, 58) }
```

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

```
.background{ background-color: rgb(130,  
127, 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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