

Converting Colors

YIQ(155.9010, 73.9130,
-23.4550)

Have a look what the booklet for
YIQ(155.9010, 73.9130, -23.4550)
contains.

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Color

**YIQ(155.9010, 73.9130,
-23.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	D49722
RGB	212, 151, 34
RGB Percent	83%, 59%, 13%
CMY	0.1686, 0.4079, 0.8663
CMYK	0.00, 0.29, 0.84, 0.17
HSL	39°, 72%, 48%
HSV	39°, 84%, 83%
XYZ	38.5093, 36.2407, 6.4863
YIQ	155.9010, 73.9130, -23.4550

Conversions

Conversions Part 2

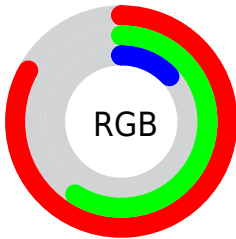
Format	Color
RYB	127, 212, 34
Decimal	13932322
CIELab	66.70, 13.50, 64.48
CIELCh	67, 65.880, 78.175
Yxy	36.2407, 0.4740, 0.4461
Android (android.graphics.Color)	4292122402 (0xFFD49722)
YUV	155.9010, -60.0972, 49.1988
Hunter-Lab	60.2003, 8.8335, 35.7520

Details

The YIQ color **155.9010, 73.9130, -23.4550** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **90.0990, -73.9130, 23.4550**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.9540, 66.3940, -24.8540**, and **104.1480, 63.0920, -20.0760** is the 20% darker color. If you saturate the color by 10%, you get **149.3980, 82.5790, -26.3250**, and if you desaturate by 10%, it is **162.4040, 65.2470, -20.5850**.

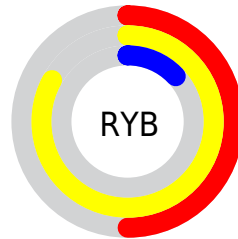
Distribution



Red (83%)

Green (59%)

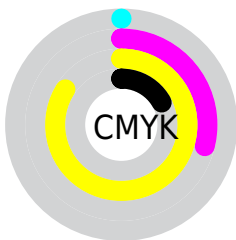
Blue (13%)



Red (50%)

Yellow (83%)

Blue (13%)

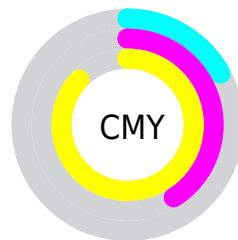


Cyan (0%)

Magenta (29%)

Yellow (84%)

Black (17%)



Cyan (17%)

Magenta (41%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.9010, 73.9130, -23.4550 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 155.9010, 73.9130, -23.4550 by changing the saturation by 10% instead.

155.9010, 73.9130,
-23.4550

155.9010, 73.9130,
-23.4550

255.0000, -0.0000,
-0.0000

127.7930, 74.0970,
-26.7910

206.9540, 66.3940,
-24.8540

104.1480, 63.0920,
-20.0760

226.4680, 50.0270,
-31.1010

81.3890, 52.4080,
-13.6720

242.4600, 35.3100,
-34.2100

60.1030, 41.7700,
-8.1020

245.6520, 26.3220,
-25.5020

39.4040, 30.8570,
-3.0550

248.8440, 17.3340,
-16.7940

19.3030, 21.1360,
2.4160

252.1500, 8.0250,

0.0000, 0.0000,

-7.7750

0.0000

■ 155.9010, 73.9130,
-23.4550

■ 155.9010, 73.9130,
-23.4550

■ 149.3980, 82.5790,
-26.3250

■ 162.4040, 65.2470,
-20.5850

■ 144.9810, 88.1270,
-27.7530

■ 169.6080, 55.9850,
-17.9270

■ 176.1110, 47.3190,
-15.0570

■ 182.6140, 38.6530,
-12.1870

■ 189.1170, 29.9870,
-9.3170

■ 196.2070, 21.0460,
-6.9700

■ 202.8240, 12.0590,
-3.7890

■ 209.3270, 3.3930,
-0.9190

■ 215.8300, -5.2730,
1.9510

Harmonies

Analogous

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



158.4470, 91.1920, 10.3280



155.9010, 73.9130, -23.4550



150.9080, 36.5040, -44.8400

Triad

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



155.9010, 73.9130, -23.4550



133.9880, -115.4870, -38.1030



166.6880, 11.7280, 51.7920

Complementary

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



155.9010, 73.9130, -23.4550



90.0990, -73.9130, 23.4550

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.



155.6250, -55.0230, 22.5210



155.9010, 73.9130, -23.4550



138.2690, -131.6750, -20.0510

Square

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



155.9010, 73.9130, -23.4550



126.4470, -95.6310, -56.5510



132.3820, -130.2550, -12.7430



161.6600, 61.6570, 55.5210

Rectangle

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



155.9010, 73.9130, -23.4550



146.1130, -0.8620, -50.4780



132.3820, -130.2550, -12.7430



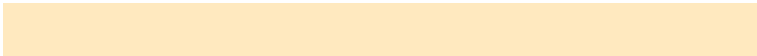
166.2770, -9.2240, 46.0400

Sweetspot

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



155.9010, 73.9130, -23.4550



234.7900, 26.5940, -8.3980



94.2900, 86.1860, 57.0180



115.3360, 16.3690, -4.8070



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



155.9010, 73.9130, -23.4550



174.8610, 105.7800, -33.8040



183.6350, 41.0460, -61.0820



103.3980, 4.6310, -1.3290



116.8730, 71.1160, -22.3240



29.2930, 17.9280, -5.5280

Inverse Universe

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



90.0990, -73.9130, 23.4550



80.1390, -105.7800, 33.8040



62.3650, -41.0460, 61.0820



99.6020, -4.6310, 1.3290



54.1270, -71.1160, 22.3240



13.7070, -17.9280, 5.5280

Previews

White Background



This preview shows how the YIQ color 155.9010, 73.9130, -23.4550 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 155.9010, 73.9130, -23.4550 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 155.9010, 73.9130, -23.4550

Background



This preview shows how black text looks on a background with the YIQ color 155.9010, 73.9130, -23.4550.



This preview shows how white text looks on a background with the YIQ color 155.9010, 73.9130, -23.4550.

-23.4550.

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

155.9010, 73.9130, -23.4550

Protanopia

154.6160, 52.3660, -34.9460

Deuteranopia

155.3410, 69.5580, -27.1300



Tritanopia

165.4620, 43.2780, 19.6460

Trichromacy



Original Color

155.9010, 73.9130, -23.4550

Protanomaly

155.4430, 60.3430, -30.8330

Deuteranomaly

155.7650, 71.3000, -25.6600

Tritanomaly

162.0110, 54.1930, 3.5450

Monochromacy



Original Color

155.9010, 73.9130, -23.4550

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.7900, 26.5940, -8.3980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.9010, 73.9130, -23.4550 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(212, 151, 34)` looks like.

```
.text, #text, p{  
    color:rgb(212, 151, 34)  
}
```

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(212, 151, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 151, 34) }
```

Border

The CSS property to change the border of an element to YIQ 155.9010, 73.9130, -23.4550 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(212, 151, 34) }
```


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

```
.border{ border-color:rgb(212, 151, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 151, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 151, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 151, 34);  
box-shadow:4px 4px 4px 4px rgb(212, 151,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 155.9010, 73.9130, -23.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 151, 34) }
```

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

```
.background{ background-color: rgb(212,  
151, 34) }
```

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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