

Converting Colors

YIQ(149.4530, 63.5510,
-22.8890)

Have a look what the booklet for
YIQ(149.4530, 63.5510, -22.8890)
contains.

YIQ(149.4530, 63.5510, -22.8890)	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(149.4530, 63.5510,
-22.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	C49328
RGB	196, 147, 40
RGB Percent	77%, 58%, 16%
CMY	0.2313, 0.4236, 0.8428
CMYK	0.00, 0.25, 0.80, 0.23
HSL	41°, 66%, 46%
HSV	41°, 80%, 77%
XYZ	33.5832, 32.7522, 6.5669
YIQ	149.4530, 63.5510, -22.8890

Conversions

Conversions Part 2

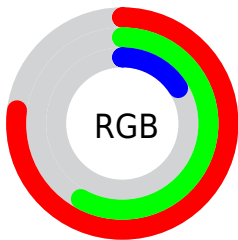
Format	Color
RYB	111, 196, 40
Decimal	12882728
CIELab	63.96, 8.83, 59.43
CIELCh	64, 60.081, 81.553
Yxy	32.7522, 0.4607, 0.4493
Android (android.graphics.Color)	4291072808 (0xFFC49328)
YUV	149.4530, -53.9603, 40.8217
Hunter-Lab	57.2295, 4.5949, 33.2574

Details

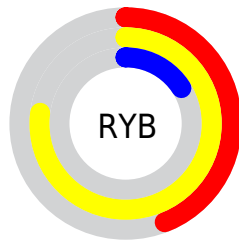
The YIQ color **149.4530, 63.5510, -22.8890** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **86.5470, -63.5510, 22.8890**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.9480, 66.5310, -21.8290**, and **98.2010, 55.5730, -21.4750** is the 20% darker color. If you saturate the color by 10%, you get **143.6510, 71.6210, -25.9710**, and if you desaturate by 10%, it is **155.2550, 55.4810, -19.8070**.

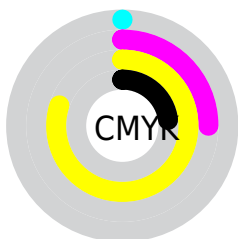
Distribution



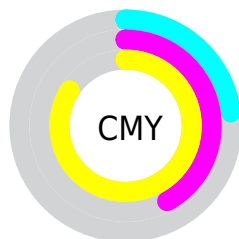
- Red (77%)
- Green (58%)
- Blue (16%)



- Red (44%)
- Yellow (77%)
- Blue (16%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.4530, 63.5510, -22.8890 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 149.4530, 63.5510, -22.8890 by changing the saturation by 10% instead.

■ 149.4530, 63.5510,
-22.8890

■ 149.4530, 63.5510,
-22.8890

■ 255.0000, -0.0000,
-0.0000

■ 121.3020, 65.2940,
-26.9460

■ 204.9480, 66.5310,
-21.8290

■ 98.2010, 55.5730,
-21.4750

■ 224.4620, 50.1640,
-28.0760

■ 75.7410, 45.4850,
-14.8590

■ 242.8020, 34.3470,
-33.2770

■ 54.4550, 34.8470,
-9.2890

■ 245.9940, 25.3590,
-24.5690

■ 34.0550, 24.5300,
-4.0300

■ 249.1860, 16.3710,
-15.8610

■ 13.3780, 16.5510,
2.9110

■ 252.4920, 7.0620,

■ 0.0000, 0.0000,

-6.8420

0.0000

■ 149.4530, 63.5510,
-22.8890

■ 149.4530, 63.5510,
-22.8890

■ 143.6510, 71.6210,
-25.9710

■ 155.2550, 55.4810,
-19.8070

■ 137.9630, 79.3700,
-28.7420

■ 160.9430, 47.7320,
-17.0360

■ 137.2620, 79.9660,
-28.5300

■ 166.7450, 39.6620,
-13.9540

■ 173.0200, 31.6380,
-11.7060

■ 178.8220, 23.5680,
-8.6240

■ 184.6240, 15.4980,
-5.5420

■ 190.3120, 7.7490,
-2.7710

■ 196.1140, -0.3210,
0.3110

■ 201.9160, -8.3910,
3.3930

Harmonies

Analogous

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



152.1360, 81.7020, 6.1020



149.4530, 63.5510, -22.8890



145.0520, 27.4710, -40.8250

Triad

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



149.4530, 63.5510, -22.8890



128.2490, -111.7280, -34.6400



159.3910, 16.8180, 47.6500

Complementary

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



149.4530, 63.5510, -22.8890



86.5470, -63.5510, 22.8890

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.



153.9300, -45.3960, 29.7720



149.4530, 63.5510, -22.8890



130.4440, -124.7980, -18.0300

Square

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



149.4530, 63.5510, -22.8890



121.2780, -93.4770, -51.5330



125.9250, -127.2300, -6.9900



155.3730, 60.7870, 49.2590

Rectangle

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



149.4530, 63.5510, -22.8890



140.3390, -7.1900, -45.9260



125.9250, -127.2300, -6.9900



159.7030, -1.7960, 43.5800

Sweetspot

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



149.4530, 63.5510, -22.8890



236.8930, 24.8060, -9.0340



92.2300, 77.2470, 48.3110



116.7380, 15.1770, -5.2310



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.



149.4530, 63.5510, -22.8890



182.8000, 98.5820, -35.5140



169.5450, 32.7920, -54.6640



94.0990, 4.0350, -1.5410



112.7090, 65.7060, -23.3980



23.3680, 13.3430, -5.0330

Inverse Universe

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



86.5470, -63.5510, 22.8890



85.2000, -98.5820, 35.5140



66.4550, -32.7920, 54.6640



89.9010, -4.0350, 1.5410



48.2910, -65.7060, 23.3980



9.6320, -13.3430, 5.0330

Previews

White Background



This preview shows how the YIQ color 149.4530, 63.5510, -22.8890 looks on a white background.

Color Contrast Check

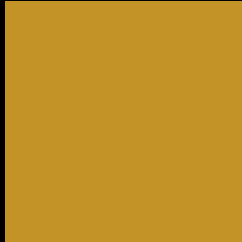
Large Text (above 18pt) WCAG AA × Fail

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 149.4530, 63.5510, -22.8890 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 149.4530, 63.5510, -22.8890

Background



This preview shows how black text looks on a background with the YIQ color 149.4530, 63.5510, -22.8890.



This preview shows how white text looks on a background with the YIQ color 149.4530, 63.5510,

-22.8890.

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

149.4530, 63.5510, -22.8890

Protanopia

148.3860, 47.3220, -31.6380

Deuteranopia

149.1540, 62.9550, -23.1010



Tritanopia

157.9880, 35.8050, 17.4130

Trichromacy



Original Color

149.4530, 63.5510, -22.8890

Protanomaly

148.9030, 53.2360, -28.6840

Deuteranomaly

149.1540, 62.9550, -23.1010

Tritanomaly

154.9930, 45.4360, 2.5560

Monochromacy



Original Color

149.4530, 63.5510, -22.8890

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9360, 23.2470, -8.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4530, 63.5510, -22.8890 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(196, 147, 40)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 40)  
}
```

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(196, 147, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 40) }
```

Border

The CSS property to change the border of an element to YIQ 149.4530, 63.5510, -22.8890 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(196, 147, 40) }
```


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

```
.border{ border-color:rgb(196, 147, 40) }
```

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

Here you see how a box with a 4 pixel rgb(196, 147, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 40);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4530, 63.5510, -22.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 40) }
```

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

```
.background{ background-color: rgb(196,  
147, 40) }
```

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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