

Converting Colors

YIQ(135.9120, 49.0170,
-23.8070)

Have a look what the booklet for
YIQ(135.9120, 49.0170, -23.8070)
contains.

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Color

**YIQ(135.9120, 49.0170,
-23.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	A88A29
RGB	168, 138, 41
RGB Percent	66%, 54%, 16%
CMY	0.3412, 0.4589, 0.8389
CMYK	0.00, 0.18, 0.76, 0.34
HSL	46°, 61%, 41%
HSV	46°, 76%, 66%
XYZ	25.6371, 26.6590, 5.8986
YIQ	135.9120, 49.0170, -23.8070

Conversions

Conversions Part 2

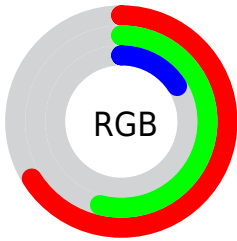
Format	Color
RYB	80, 168, 41
Decimal	11045417
CIELab	58.66, 1.26, 53.04
CIELCh	59, 53.058, 88.640
Yxy	26.6590, 0.4405, 0.4581
Android (android.graphics.Color)	4289235497 (0xFFA88A29)
YUV	135.9120, -46.7916, 28.1412
Hunter-Lab	51.6323, -1.7256, 29.3692

Details

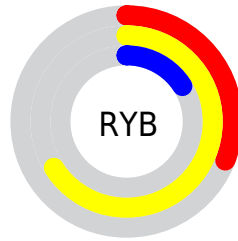
The YIQ color **135.9120, 49.0170, -23.8070** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **73.0880, -49.0170, 23.8070**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2930, 52.3180, -23.0580**, and **85.7310, 42.2770, -22.8030** is the 20% darker color. If you saturate the color by 10%, you get **131.6260, 55.5740, -27.0020**, and if you desaturate by 10%, it is **140.1980, 42.4600, -20.6120**.

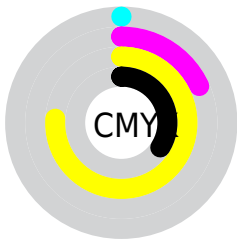
Distribution



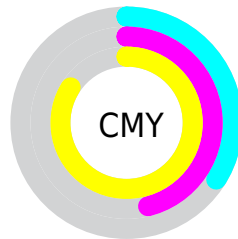
- Red (66%)
- Green (54%)
- Blue (16%)



- Red (31%)
- Yellow (66%)
- Blue (16%)



- Cyan (0%)
- Magenta (18%)
- Yellow (76%)
- Black (34%)



- Cyan (34%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.9120, 49.0170, -23.8070 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 135.9120, 49.0170, -23.8070 by changing the saturation by 10% instead.

■ 135.9120, 49.0170,
-23.8070

■ 135.9120, 49.0170,
-23.8070

■ 255.0000, -0.0000,
-0.0000

■ 109.2170, 49.4760,
-26.6200

■ 190.2930, 52.3180,
-23.0580

■ 85.1440, 42.5520,
-22.2800

■ 218.4780, 53.2350,
-23.1570

■ 63.5700, 32.7850,
-15.9750

■ 237.9920, 36.8680,
-29.4040

■ 43.4690, 23.0640,
-10.5040

■ 245.7660, 26.0010,
-25.1910

■ 24.2540, 13.6640,
-5.3440

■ 248.9580, 17.0130,
-16.4830

■ 0.0000, 0.0000,
0.0000

■ 252.2640, 7.7040,

-7.4640

■ 135.9120, 49.0170,
-23.8070

■ 135.9120, 49.0170,
-23.8070

■ 131.6260, 55.5740,
-27.0020

■ 140.1980, 42.4600,
-20.6120

■ 127.3400, 62.1310,
-30.1970

■ 144.4840, 35.9030,
-17.4170

■ 125.3680, 64.9280,
-31.3280

■ 148.6560, 29.6670,
-14.5330

■ 152.9420, 23.1100,
-11.3380

■ 157.2280, 16.5530,
-8.1430

■ 161.5140, 9.9960,
-4.9480

■ 165.8000, 3.4390,
-1.7530

■ 169.9720, -2.7970,
1.1310

■ 174.2580, -9.3540,
4.3260

Harmonies

Analogous

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



138.3900, 69.0030, -0.5410



135.9120, 49.0170, -23.8070



131.2710, 13.8530, -36.3150

Triad

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



135.9120, 49.0170, -23.8070



116.6570, -103.8890, -28.0250



144.8340, 25.5760, 43.1120

Complementary

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



135.9120, 49.0170, -23.8070



73.0880, -49.0170, 23.8070

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.



143.2930, -24.4890, 30.8310



135.9120, 49.0170, -23.8070



117.8260, -114.0700, -14.2140

Square

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



135.9120, 49.0170, -23.8070



111.8860, -89.0770, -43.1650



112.9650, -115.5390, -4.1070



141.3200, 59.1380, 40.5940

Rectangle

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



135.9120, 49.0170, -23.8070



126.3410, -18.6990, -41.0910



112.9650, -115.5390, -4.1070



145.6410, 9.9420, 40.1020

Sweetspot

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



135.9120, 49.0170, -23.8070



206.2560, 19.3500, -9.2740



82.6210, 65.4200, 36.8760



101.7700, 12.1510, -5.4570



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



135.9120, 49.0170, -23.8070



168.7250, 76.8040, -37.3080



143.9540, 21.6950, -46.2810



81.9140, 3.1180, -1.4420



110.5830, 57.1330, -27.7230



15.3720, 7.5200, -4.1280

Inverse Universe

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



73.0880, -49.0170, 23.8070



70.2750, -76.8040, 37.3080



65.0460, -21.6950, 46.2810



78.0860, -3.1180, 1.4420



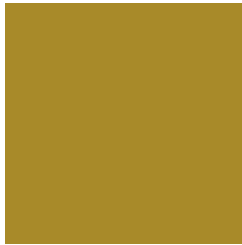
37.4170, -57.1330, 27.7230



5.2150, -7.7950, 3.6050

Previews

White Background



This preview shows how the YIQ color 135.9120, 49.0170, -23.8070 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 135.9120, 49.0170, -23.8070 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 135.9120, 49.0170, -23.8070

Background



This preview shows how black text looks on a background with the YIQ color 135.9120, 49.0170, -23.8070.



This preview shows how white text looks on a background with the YIQ color 135.9120, 49.0170,

-23.8070.

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

135.9120, 49.0170, -23.8070

Protanopia

135.3840, 41.6360, -27.7080

Deuteranopia

136.4830, 54.8390, -19.1850



Tritanopia

143.8940, 24.2060, 12.8620

Trichromacy



Original Color

135.9120, 49.0170, -23.8070

Protanomaly

135.9930, 44.2950, -26.3370

Deuteranomaly

136.0590, 53.0970, -20.6550

Tritanomaly

140.6540, 33.1490, -0.5390

Monochromacy



Original Color

135.9120, 49.0170, -23.8070

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1850, 18.1120, -8.8640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.9120, 49.0170, -23.8070 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(168, 138, 41)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 41)  
}
```

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(168, 138, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 41) }
```

Border

The CSS property to change the border of an element to YIQ 135.9120, 49.0170, -23.8070 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(168, 138, 41) }
```


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

```
.border{ border-color:rgb(168, 138, 41) }
```

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

Here you see how a box with a 4 pixel rgb(168, 138, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 41);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 135.9120, 49.0170, -23.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 41) }
```

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

```
.background{ background-color: rgb(168,  
138, 41) }
```

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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