

Converting Colors

YIQ(149.3040, 27.4220,
-23.4100)

Have a look what the booklet for
YIQ(149.3040, 27.4220, -23.4100)
contains.

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Color

**YIQ(149.3040, 27.4220,
-23.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	A19D4F
RGB	161, 157, 79
RGB Percent	63%, 62%, 31%
CMY	0.3687, 0.3843, 0.6900
CMYK	0.00, 0.02, 0.51, 0.37
HSL	57°, 34%, 47%
HSV	57°, 51%, 63%
XYZ	28.1654, 32.2545, 12.1466
YIQ	149.3040, 27.4220, -23.4100

Conversions

Conversions Part 2

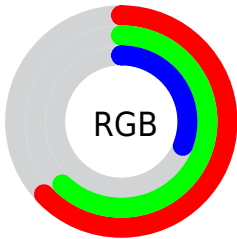
Format	Color
RYB	83, 161, 79
Decimal	10591567
CIELab	63.55, -9.55, 40.88
CIELCh	64, 41.983, 103.152
Yxy	32.2545, 0.3881, 0.4445
Android (android.graphics.Color)	4288781647 (0xFFA19D4F)
YUV	149.3040, -34.6599, 10.2574
Hunter-Lab	56.7930, -10.8640, 27.0744

Details

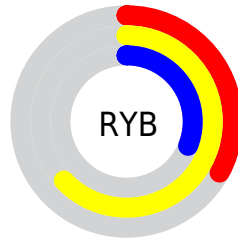
The YIQ color **149.3040, 27.4220, -23.4100** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **90.6960, -27.4220, 23.4100**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.5600, 29.5770, -23.9190**, and **97.6350, 24.9920, -23.4240** is the 20% darker color. If you saturate the color by 10%, you get **146.8930, 32.8330, -27.8630**, and if you desaturate by 10%, it is **151.7150, 22.0110, -18.9570**.

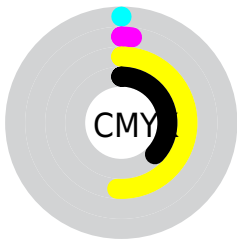
Distribution



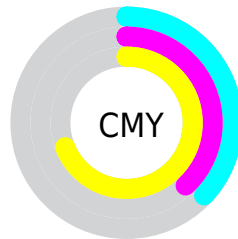
- Red (63%)
- Green (62%)
- Blue (31%)



- Red (33%)
- Yellow (63%)
- Blue (31%)



- Cyan (0%)
- Magenta (2%)
- Yellow (51%)
- Black (37%)




- Cyan (37%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.3040, 27.4220, -23.4100 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 149.3040, 27.4220, -23.4100 by changing the saturation by 10% instead.


 149.3040, 27.4220,
-23.4100


 149.3040, 27.4220,
-23.4100


255.0000, -0.0000,
-0.0000


 123.1190, 26.5050,
-23.3110


 203.5600, 29.5770,
-23.9190


 97.6350, 24.9920,
-23.4240


 232.3320, 30.2190,
-24.5410


 72.7660, 26.0010,
-25.1910


 246.9060, 22.7910,
-22.0810

 51.9750, 18.3430,
-18.5610

 250.0980, 13.8030,
-13.3730

 32.1730, 9.2180,
-12.8780

 253.4040, 4.4940,
-4.3540

 10.5660, -4.9500,
-9.4140

 0.0000, 0.0000,

0.0000

■ 149.3040, 27.4220,
-23.4100

■ 149.3040, 27.4220,
-23.4100

■ 146.8930, 32.8330,
-27.8630

■ 151.7150, 22.0110,
-18.9570

■ 144.4820, 38.2440,
-32.3160

■ 154.1260, 16.6000,
-14.5040

■ 142.6580, 43.3800,
-37.2920

■ 155.9500, 11.4640,
-9.5280

■ 140.2470, 48.7910,
-41.7450

■ 158.3610, 6.0530,
-5.0750

■ 137.9500, 53.8810,
-45.8870

■ 160.8860, 0.3210,
-0.3110

■ 163.2970, -5.0900,
4.1420

■ 165.1210,
-10.2260, 9.1180

■ 167.5320,
-15.6370, 13.5710

■ 169.9430,
-21.0480, 18.0240

Harmonies

Analogous

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



152.1810, 50.2980, -8.4700



149.3040, 27.4220, -23.4100



144.4940, -5.5880, -30.9000

Triad

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



149.3040, 27.4220, -23.4100



123.6330, -112.5090, -25.9890



157.8270, 35.4810, 34.3050

Complementary

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



149.3040, 27.4220, -23.4100



90.6960, -27.4220, 23.4100

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.



158.3530, 1.6450, 30.7730



149.3040, 27.4220, -23.4100



132.3830, -96.4650, -8.3770

Square

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



149.3040, 27.4220, -23.4100



120.9310, -102.1450, -37.6090



152.1780, -40.7630, 17.3890



155.9090, 55.3810, 26.0770

Rectangle

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



149.3040, 27.4220, -23.4100



139.3690, -33.0970, -33.4570



152.1780, -40.7630, 17.3890



158.1510, 25.7610, 34.2490

Sweetspot

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



149.3040, 27.4220, -23.4100



204.8790, 10.2260, -9.1180



103.9740, 47.5880, 18.6280



102.2470, 6.3740, -5.3860



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



149.3040, 27.4220, -23.4100



191.0000, 42.4170, -36.3590



140.5890, 4.2700, -33.3460



80.3870, 3.1640, -2.2760



124.3610, 48.4700, -41.4340



15.3610, 6.0530, -5.0750

Inverse Universe

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



90.6960, -27.4220, 23.4100



100.0000, -42.4170, 36.3590



99.4110, -4.2700, 33.3460



74.6130, -3.1640, 2.2760



20.6390, -48.4700, 41.4340



2.6390, -6.0530, 5.0750

Previews

White Background



This preview shows how the YIQ color 149.3040, 27.4220, -23.4100 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 149.3040, 27.4220, -23.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

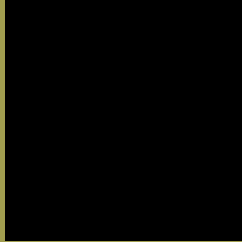
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.3040, 27.4220, -23.4100

Background



This preview shows how black text looks on a background with the YIQ color 149.3040, 27.4220, -23.4100.



This preview shows how white text looks on a background with the YIQ color 149.3040, 27.4220, -23.4100.

-23.4100.

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

149.3040, 27.4220, -23.4100

Protanopia

150.1200, 33.9320, -20.2440

Deuteranopia

152.1480, 45.8970, -11.3110



Tritanopia

155.6470, 8.6640, 8.1840

Trichromacy



Original Color

149.3040, 27.4220, -23.4100

Protanomaly

149.8100, 31.8690, -21.4030

Deuteranomaly

151.3920, 39.1580, -15.8340

Tritanomaly

153.2050, 15.3600, -3.0400

Monochromacy



Original Color

149.3040, 27.4220, -23.4100

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1070, 9.5840, -8.4960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3040, 27.4220, -23.4100 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(161, 157, 79)` looks like.

```
.text, #text, p{  
    color:rgb(161, 157, 79)  
}
```

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(161, 157, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 157, 79) }
```

Border

The CSS property to change the border of an element to YIQ 149.3040, 27.4220, -23.4100 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(161, 157, 79) }
```


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

```
.border{ border-color:rgb(161, 157, 79) }
```

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

Here you see how a box with a 4 pixel rgb(161, 157, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 157, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 157, 79);  
box-shadow:4px 4px 4px 4px rgb(161, 157,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3040, 27.4220, -23.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 157, 79) }
```

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

```
.background{ background-color: rgb(161,  
157, 79) }
```

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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