

Converting Colors

YIQ(121.9200, -24.5230,
-34.6590)

Have a look what the booklet for
YIQ(121.9200, -24.5230, -34.6590)
contains.

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Color

**YIQ(121.9200, -24.5230,
-34.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	4D975A
RGB	77, 151, 90
RGB Percent	30%, 59%, 35%
CMY	0.6982, 0.4077, 0.6471
CMYK	0.49, 0.00, 0.40, 0.41
HSL	131°, 32%, 45%
HSV	131°, 49%, 59%
XYZ	15.9727, 24.4567, 13.5488
YIQ	121.9200, -24.5230, -34.6590

Conversions

Conversions Part 2

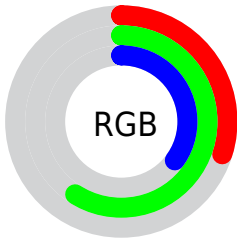
Format	Color
RYB	77, 140, 151
Decimal	5085018
CIELab	56.54, -36.76, 25.22
CIELCh	57, 44.583, 145.544
Yxy	24.4567, 0.2959, 0.4531
Android (android.graphics.Color)	4283275098 (0xFF4D975A)
YUV	121.9200, -15.7366, -39.3948
Hunter-Lab	49.4537, -28.8915, 18.3740

Details

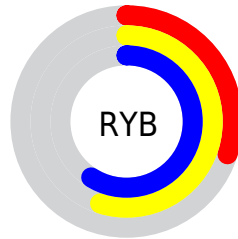
The YIQ color **121.9200, -24.5230, -34.6590** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **106.0800, 24.5230, 34.6590**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **176.1650, -23.8350, -36.1150**, and **68.6960, -29.7040, -34.3760** is the 20% darker color. If you saturate the color by 10%, you get **116.0670, -29.6110, -41.5710**, and if you desaturate by 10%, it is **127.7730, -19.4350, -27.7470**.

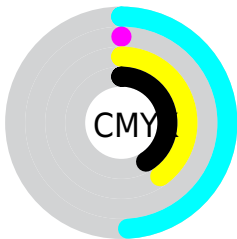
Distribution



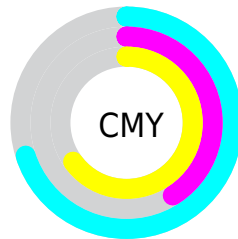
- Red (30%)
- Green (59%)
- Blue (35%)



- Red (30%)
- Yellow (55%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (40%)
- Black (41%)



- Cyan (70%)
- Magenta (41%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.9200, -24.5230, -34.6590 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 121.9200, -24.5230, -34.6590 by changing the saturation by 10% instead.

■ 121.9200,
-24.5230, -34.6590

■ 121.9200,
-24.5230, -34.6590

■ 255.0000, -0.0000,
-0.0000

■ 95.8490, -25.7610,
-34.2490

■ 176.1650,
-23.8350, -36.1150

■ 68.6960, -29.7040,
-34.3760

■ 203.6380,
-23.7890, -36.9490

■ 46.4190, -27.3660,
-32.6940

■ 227.5290,
-21.8640, -33.2880

■ 29.9370, -14.0250,
-26.6730

■ 239.0930,
-14.1640, -18.6440

■ 18.1970, -8.5250,
-16.2130

■ 251.0700, -6.1890,
-3.4770

■ 0.0000, 0.0000,
0.0000

■ 121.9200,
-24.5230, -34.6590

■ 121.9200,
-24.5230, -34.6590

■ 116.0670,
-29.6110, -41.5710

■ 127.7730,
-19.4350, -27.7470

■ 110.1000,
-34.3780, -48.7940

■ 133.7400,
-14.6680, -20.5240

■ 104.2470,
-39.4660, -55.7060

■ 139.5930, -9.5800,
-13.6120

■ 98.2800, -44.2330,
-62.9290

■ 145.5600, -4.8130,
-6.3890

■ 92.1280, -49.9170,
-70.0530

■ 151.4130, 0.2750,
0.5230

■ 91.7150, -50.1920,
-70.5760

■ 157.6790, 5.6380,
7.9580

■ 163.5320, 10.7260,
14.8700

■ 169.4990, 15.4930,

22.0930

■ 175.3520, 20.5810,
29.0050

Harmonies

Analogous

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



128.3840, 15.2730, -29.0070



121.9200, -24.5230, -34.6590



105.5770, -83.7130, -41.2570

Triad

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



121.9200, -24.5230, -34.6590



119.8950, -82.9870, 0.6690



135.3840, 61.1130, 21.3130

Complementary

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



121.9200, -24.5230, -34.6590



106.0800, 24.5230, 34.6590

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.



137.7590, 47.3560, 33.8520



121.9200, -24.5230, -34.6590



137.1910, -24.4420, 24.4700

Square

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



121.9200, -24.5230, -34.6590



111.3230, -105.4040, -17.0840



139.4860, 17.5080, 35.1400



134.2950, 59.1450, 1.9050

Rectangle

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



121.9200, -24.5230, -34.6590



108.6550, -92.3800, -32.8600



139.4860, 17.5080, 35.1400



135.9910, 58.0860, 26.6140

Sweetspot

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



121.9200, -24.5230, -34.6590



184.5930, -9.5800, -13.6120



138.9760, 16.6020, -25.5580



92.3210, -5.6380, -7.9580



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



121.9200, -24.5230, -34.6590



150.7850, -38.0450, -53.9250



126.0240, -36.0790, -23.4630



73.8100, -2.5210, -3.8730



85.0300, -46.5250, -65.4450



7.8590, -4.2170, -6.1770

Inverse Universe

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



106.0800, 24.5230, 34.6590



126.2150, 38.0450, 53.9250



101.9760, 36.0790, 23.4630



72.0760, 2.8420, 3.5620



55.0840, 46.2040, 65.7560



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 121.9200, -24.5230, -34.6590 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 121.9200, -24.5230, -34.6590 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 121.9200, -24.5230, -34.6590 Background



This preview shows how black text looks on a background with the YIQ color 121.9200, -24.5230, -34.6590.



This preview shows how white text looks on a background with the YIQ color 121.9200, -24.5230, -34.6590.

-34.6590.

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

121.9200, -24.5230, -34.6590

Protanopia

132.7740, 23.5230, -13.3170

Deuteranopia

134.3930, 29.3900, -4.0020



Tritanopia

129.1190, -34.2480, -7.0800

Trichromacy



Original Color

121.9200, -24.5230, -34.6590

Protanomaly

129.0490, 6.3310, -21.1330

Deuteranomaly

129.8910, 9.9520, -15.1680

Tritanomaly

126.6490, -30.3490, -17.1730

Monochromacy



Original Color

121.9200, -24.5230, -34.6590

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.3050, -8.7090, -12.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.9200, -24.5230, -34.6590 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(77, 151, 90)` looks like.

```
.text, #text, p{  
    color:rgb(77, 151, 90)  
}
```

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(77, 151, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 151, 90) }
```

Border

The CSS property to change the border of an element to YIQ 121.9200, -24.5230, -34.6590 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(77, 151, 90) }
```


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

```
.border{ border-color:rgb(77, 151, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 151, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 151, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 151, 90);  
box-shadow:4px 4px 4px 4px rgb(77, 151,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 121.9200, -24.5230, -34.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 151, 90) }
```

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

```
.background{ background-color: rgb(77, 151,  
90) }
```

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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