

Converting Colors

YIQ(124.1900, -13.5330,
41.5310)

Have a look what the booklet for
YIQ(124.1900, -13.5330, 41.5310)
contains.

YIQ(124.1900, -13.5330, 41.5310)	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(124.1900, -13.5330,
41.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	8965D2
RGB	137, 101, 210
RGB Percent	54%, 40%, 82%
CMY	0.4626, 0.6040, 0.1766
CMYK	0.35, 0.52, 0.00, 0.18
HSL	260°, 55%, 61%
HSV	260°, 52%, 82%
XYZ	26.6037, 19.2775, 63.2685
YIQ	124.1900, -13.5330, 41.5310

Conversions

Conversions Part 2

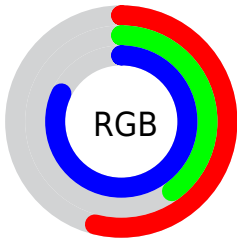
Format	Color
RYB	137, 101, 210
Decimal	9004498
CIELab	51.01, 38.23, -51.36
CIELCh	51, 64.025, 306.663
Yxy	19.2775, 0.2437, 0.1766
Android (android.graphics.Color)	4287194578 (0xFF8965D2)
YUV	124.1900, 42.3043, 11.2344
Hunter-Lab	43.9062, 31.3209, -54.7022

Details

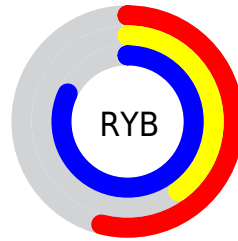
The YIQ color $124.1900, -13.5330, 41.5310$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $186.8100, 13.5330, -41.5310$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.5880, -8.9020, 40.2020$, and $73.2990, -15.4580, 37.8700$ is the 20% darker color. If you saturate the color by 10%, you get $107.6770, -16.1020, 49.5460$, and if you desaturate by 10%, it is $140.7030, -10.9640, 33.5160$.

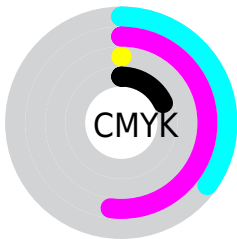
Distribution



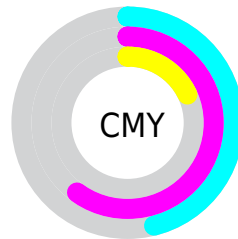
- Red (54%)
- Green (40%)
- Blue (82%)



- Red (54%)
- Yellow (40%)
- Blue (82%)



- Cyan (35%)
- Magenta (52%)
- Yellow (0%)
- Black (18%)



- Cyan (46%)
- Magenta (60%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.1900, -13.5330, 41.5310 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 124.1900, -13.5330, 41.5310 by changing the saturation by 10% instead.

■ 124.1900,
-13.5330, 41.5310

■ 124.1900,
-13.5330, 41.5310

■ 255.0000, -0.0000,
-0.0000

■ 97.9510, -14.3580,
39.9620

■ 176.5880, -8.9020,
40.2020

■ 73.2990, -15.4580,
37.8700

■ 201.1080, 0.9570,
32.2290

■ 47.7610, -16.8790,
36.0890

■ 226.5140, 11.1370,
23.9450

■ 21.7280, -21.2800,
33.2480

■ 243.8470, 5.2250,
9.9370

■ 8.8920, -25.0380,
24.2580

■ 9.0910, -18.7090,
14.1790

■ 4.8220, -10.8220,

8.9060

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 124.1900,
-13.5330, 41.5310

■ 124.1900,
-13.5330, 41.5310

■ 107.6770,
-16.1020, 49.5460

■ 140.7030,
-10.9640, 33.5160

■ 91.1640, -18.6710,
57.5610

■ 157.2160, -8.3950,
25.5010

■ 74.6510, -21.2400,
65.5760

■ 173.7290, -5.8260,
17.4860

■ 58.1380, -23.8090,
73.5910

■ 190.2420, -3.2570,
9.4710

■ 44.5710, -26.2860,
79.9380

■ 206.7550, -0.6880,
1.4560

■ 223.2680, 1.8810,
-6.5590

■ 239.7810, 4.4500,
-14.5740

■ 248.0760, 10.8690,
-15.2670

■ 249.8700, 14.4450,
-13.9950

Harmonies

Analogous

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



99.1220, -108.2510, 6.9890



124.1900, -13.5330, 41.5310



120.9660, 43.1800, 54.4760

Triad

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



124.1900, -13.5330, 41.5310



113.6940, 79.2300, -15.1860



100.8640, -82.8430, -34.9950

Complementary

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



124.1900, -13.5330, 41.5310



186.8100, 13.5330, -41.5310

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.



92.4910, -63.4000, -51.4640



124.1900, -13.5330, 41.5310



112.5660, 46.6350, -35.7090

Square

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



124.1900, -13.5330, 41.5310



114.7150, 85.0460, 22.5980



104.6790, 3.3560, -49.8280



106.3190, -99.5810, -17.9890

Rectangle

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



124.1900, -13.5330, 41.5310



115.2000, 68.7640, 53.3720



104.6790, 3.3560, -49.8280



98.5840, -76.4230, -41.2150

Sweetspot

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



124.1900, -13.5330, 41.5310



222.8600, -4.8170, 15.7190



156.8640, -55.3390, -4.8030



108.2420, -3.2570, 9.4710



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.



124.1900, -13.5330, 41.5310



130.5600, -19.7260, 60.1620



140.0370, 18.0550, 52.7670



96.4500, -1.1470, 4.2690



35.8960, -20.5520, 64.1200



8.5610, -5.4130, 15.5070

Inverse Universe

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



141.9130, 41.5310, 45.8110



156.3260, 60.1420, 66.4620



170.9630, -18.0550, -52.7670



98.0870, 4.3090, 4.5090



63.1140, 63.8550, 70.7590



15.3370, 15.7690, 17.0890

Previews

White Background



This preview shows how the YIQ color 124.1900, -13.5330, 41.5310 looks on a white background.

Color Contrast Check

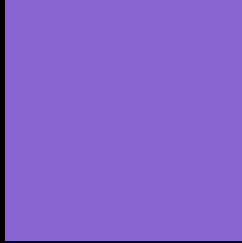
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.1900, -13.5330, 41.5310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

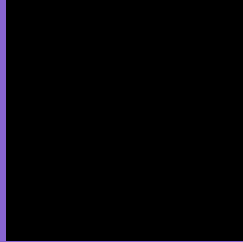
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.1900, -13.5330, 41.5310

Background



This preview shows how black text looks on a background with the YIQ color 124.1900, -13.5330, 41.5310.



This preview shows how white text looks on a background with the YIQ color 124.1900, -13.5330, 41.5310.

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

124.1900, -13.5330, 41.5310

Protanopia

114.2800, -67.1730, 22.4510

Deuteranopia

114.1090, -62.6780, 12.5700



Tritanopia

121.7270, -3.4850, 2.5870

Trichromacy



Original Color

124.1900, -13.5330, 41.5310

Protanomaly

118.1470, -47.5050, 29.4470

Deuteranomaly

117.7140, -45.0280, 23.1000

Tritanomaly

122.7180, -7.2930, 16.5390

Monochromacy



Original Color

124.1900, -13.5330, 41.5310

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.3330, -4.7710, 14.8850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.1900, -13.5330, 41.5310 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(137, 101, 210)` looks like.

```
.text, #text, p{  
    color:rgb(137, 101, 210)  
}
```

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(137, 101, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 101, 210) }
```

Border

The CSS property to change the border of an element to YIQ 124.1900, -13.5330, 41.5310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

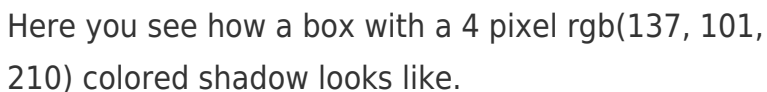
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 101, 210) }
```


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

```
.border{ border-color:rgb(137, 101, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 101, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 101, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 101, 210);  
box-shadow:4px 4px 4px 4px rgb(137, 101,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 124.1900, -13.5330, 41.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 101, 210) }
```

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

```
.background{ background-color: rgb(137,  
101, 210) }
```

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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