

Converting Colors

YIQ(129.6450, -6.1900, 2.0500)

Have a look what the booklet for
YIQ(129.6450, -6.1900, 2.0500)
contains.

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Color

**YIQ(129.6450, -6.1900,
2.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	7D828C
RGB	125, 130, 140
RGB Percent	49%, 51%, 55%
CMY	0.5098, 0.4902, 0.4510
CMYK	0.11, 0.07, 0.00, 0.45
HSL	220°, 6%, 52%
HSV	220°, 11%, 55%
XYZ	21.1732, 22.2189, 27.9805
YIQ	129.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

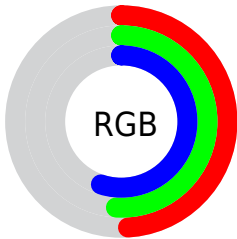
Format	Color
R_{YB}	125, 129, 140
Decimal	8225420
CIE _{Lab}	54.26, 0.26, -6.02
CIE _{LCh}	54, 6.024, 272.489
Yxy	22.2189, 0.2967, 0.3113
Android (android.graphics.Color)	4286415500 (0xFF7D828C)
YUV	129.6450, 5.1050, -4.0737
Hunter-Lab	47.1369, -2.3102, -2.1987

Details

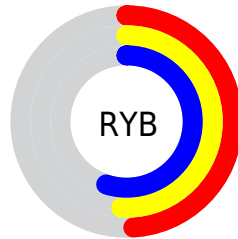
The YIQ color $129.6450, -6.1900, 2.0500$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $135.3550, 6.1900, -2.0500$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.7590, -6.5110, 2.3610$, and $80.5310, -5.8690, 1.7390$ is the 20% darker color. If you saturate the color by 10%, you get $120.1760, -12.0590, 3.7890$, and if you desaturate by 10%, it is $139.1140, -0.3210, 0.3110$.

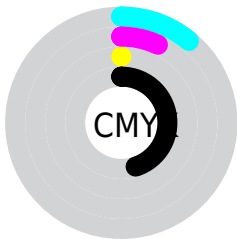
Distribution



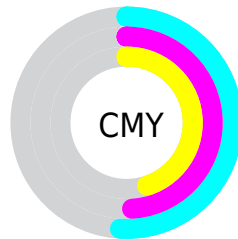
- Red (49%)
- Green (51%)
- Blue (55%)



- Red (49%)
- Yellow (51%)
- Blue (55%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.6450, -6.1900, 2.0500 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 129.6450, -6.1900, 2.0500 by changing the saturation by 10% instead.

■ 129.6450, -6.1900,
2.0500

■ 129.6450, -6.1900,
2.0500

■ 255.0000, -0.0000,
-0.0000

■ 104.6450, -6.1900,
2.0500

■ 182.7590, -6.5110,
2.3610

■ 80.5310, -5.8690,
1.7390

■ 209.7590, -6.5110,
2.3610

■ 57.5310, -5.8690,
1.7390

■ 238.4600, -7.1070,
2.1490

■ 35.7160, -4.9520,
1.6400

■ 14.2320, -6.4650,
1.5270

■ 0.0000, 0.0000,
0.0000

■ 129.6450, -6.1900,
2.0500

■ 129.6450, -6.1900,
2.0500

■ 120.1760,
-12.0590, 3.7890

■ 139.1140, -0.3210,
0.3110

■ 110.1200,
-17.6530, 6.0510

■ 149.1700, 5.2730,
-1.9510

■ 100.6510,
-23.5220, 7.7900

■ 158.6390, 11.1420,
-3.6900

■ 91.1820, -29.3910,
9.5290

■ 168.1080, 17.0110,
-5.4290

■ 81.1260, -34.9850,
11.7910

■ 178.1640, 22.6050,
-7.6910

■ 71.6570, -40.8540,
13.5300

■ 187.6330, 28.4740,
-9.4300

■ 62.1880, -46.7230,
15.2690

■ 197.1020, 34.3430,
-11.1690

■ 52.1320, -52.3170,

■ 207.1580, 39.9370,

17.5310

-13.4310

■ 43.5490, -57.8650,
18.9590

■ 216.6270, 45.8060,
-15.1700

Harmonies

Analogous

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



129.2100, -9.3990, -0.3670



129.6450, -6.1900, 2.0500



130.0370, -1.4220, 3.7460

Triad

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



129.6450, -6.1900, 2.0500



130.8440, 9.3070, 2.0350



128.2120, -3.7130, -4.2970

Complementary

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



129.6450, -6.1900, 2.0500



135.3550, 6.1900, -2.0500

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.



128.9630, 1.4220, -3.7460



129.6450, -6.1900, 2.0500



130.4910, 8.8030, 0.1550

Square

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



129.6450, -6.1900, 2.0500



130.8270, 7.9770, 4.1130



129.3550, 6.1900, -2.0500



128.1730, -7.9770, -4.1130

Rectangle

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



129.6450, -6.1900, 2.0500



130.4180, 1.8790, 4.4950



129.3550, 6.1900, -2.0500



128.5820, -1.8790, -4.4950

Sweetspot

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



129.6450, -6.1900, 2.0500



177.1570, -1.8800, 1.0320



134.9450, -7.3350, -4.7350



89.0430, -1.5590, 0.7210



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



129.6450, -6.1900, 2.0500



164.7310, -9.3080, 3.4920



127.3080, -3.6230, 5.0890



63.9720, -2.7970, 1.1310



40.9900, -54.7930, 18.3510



1.7440, -2.1550, 0.5090

Inverse Universe

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



130.0550, 7.3350, 4.7350



165.6750, 11.4610, 7.0530



137.6920, 3.6230, -5.0890



64.3210, 3.5300, 2.1060



44.7830, 65.1440, 41.8800



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 129.6450, -6.1900, 2.0500 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 129.6450, -6.1900, 2.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

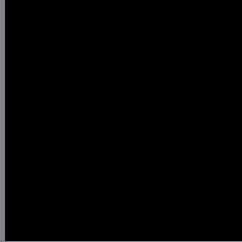
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

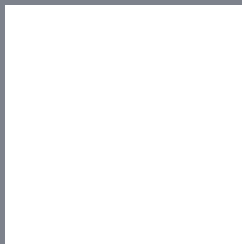
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 129.6450, -6.1900, 2.0500

Background



This preview shows how black text looks on a background with the YIQ color 129.6450, -6.1900, 2.0500.



This preview shows how white text looks on a background with the YIQ color 129.6450, -6.1900,

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

129.6450, -6.1900, 2.0500

Protanopia

130.1400, -3.2100, 3.1100

Deuteranopia

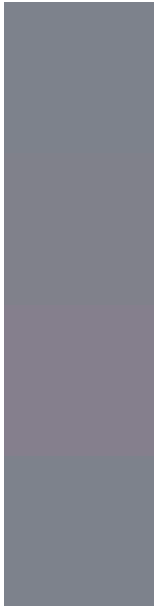
130.9990, 1.7410, 6.9970



Tritanopia

129.6450, -6.1900, 2.0500

Trichromacy



Original Color

129.6450, -6.1900, 2.0500

Protanomaly

129.8410, -3.8060, 2.8980

Deuteranomaly

130.3900, -0.9180, 5.6260

Tritanomaly

129.6450, -6.1900, 2.0500

Monochromacy



Original Color

129.6450, -6.1900, 2.0500

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8580, -2.4760, 0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.6450, -6.1900, 2.0500 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(125, 130, 140)` looks like.

```
.text, #text, p{  
    color:rgb(125, 130, 140)  
}
```

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(125, 130, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 130, 140) }
```

Border

The CSS property to change the border of an element to YIQ 129.6450, -6.1900, 2.0500 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(125, 130, 140) }
```


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

```
.border{ border-color:rgb(125, 130, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 130, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 130, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 130, 140);  
box-shadow:4px 4px 4px 4px rgb(125, 130,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 129.6450, -6.1900, 2.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 130, 140) }
```

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

```
.background{ background-color: rgb(125,  
130, 140) }
```

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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