

Converting Colors

YIQ(125.5900, -30.7200, 6.0800)

Have a look what the booklet for
YIQ(125.5900, -30.7200, 6.0800)
contains.

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Color

**YIQ(125.5900, -30.7200,
6.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	6482AA
RGB	100, 130, 170
RGB Percent	39%, 51%, 67%
CMY	0.6079, 0.4901, 0.3335
CMYK	0.41, 0.24, 0.00, 0.33
HSL	214°, 29%, 53%
HSV	214°, 41%, 67%
XYZ	20.4906, 21.5781, 41.0959
YIQ	125.5900, -30.7200, 6.0800

Conversions

Conversions Part 2

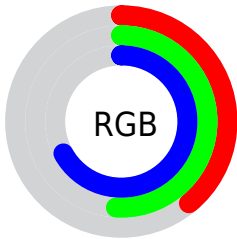
Format	Color
R _Y B	100, 121, 170
Decimal	6587050
CIE Lab	53.58, -0.09, -24.58
CIE LCh	54, 24.577, 269.786
Yxy	21.5781, 0.2464, 0.2595
Android (android.graphics.Color)	4284777130 (0xFF6482AA)
YUV	125.5900, 21.8941, -22.4424
Hunter-Lab	46.4522, -2.5532, -19.9368

Details

The YIQ color $125.5900, -30.7200, 6.0800$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $144.4100, 30.7200, -6.0800$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.8180, -31.3620, 6.7020$, and $75.3510, -31.5450, 4.5110$ is the 20% darker color. If you saturate the color by 10%, you get $114.6370, -38.1020, 7.7060$, and if you desaturate by 10%, it is $136.5430, -23.3380, 4.4540$.

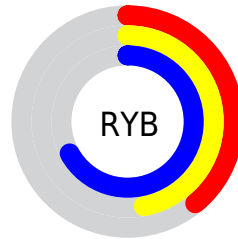
Distribution



Red (39%)

Green (51%)

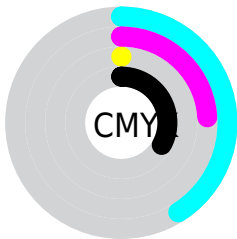
Blue (67%)



Red (39%)

Yellow (47%)

Blue (67%)

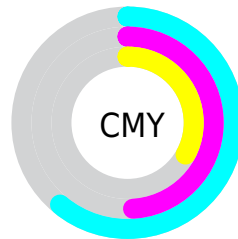


Cyan (41%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (61%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.5900, -30.7200, 6.0800 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 125.5900, -30.7200, 6.0800 by changing the saturation by 10% instead.

■ 125.5900,
-30.7200, 6.0800

■ 125.5900,
-30.7200, 6.0800

■ 255.0000, -0.0000,
-0.0000

■ 100.0630,
-30.6740, 5.2460

■ 178.8180,
-31.3620, 6.7020

■ 75.3510, -31.5450,
4.5110

■ 206.3450,
-31.4080, 7.5360

■ 50.6280, -33.8830,
2.8290

■ 231.8540,
-23.0160, -1.3840

■ 29.5850, -32.3240,
2.1080

■ 249.9170,
-10.1320, -3.6040

■ 14.1630, -19.2120,
6.7720

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,

0.0000

■ 125.5900,
-30.7200, 6.0800

■ 125.5900,
-30.7200, 6.0800

■ 114.6370,
-38.1020, 7.7060

■ 136.5430,
-23.3380, 4.4540

■ 104.2710,
-45.7590, 8.8090

■ 146.9090,
-15.6810, 3.3510

■ 93.3180, -53.1410,
10.4350

■ 157.8620, -8.2990,
1.7250

■ 82.3650, -60.5230,
12.0610

■ 168.8150, -0.9170,
0.0990

■ 71.4120, -67.9050,
13.6870

■ 179.7680, 6.4650,
-1.5270

■ 62.2310, -74.6450,
14.6910

■ 190.1340, 14.1220,
-2.6300

■ 201.0870, 21.5040,
-4.2560

■ 212.0400, 28.8860,
-5.8820

■ 222.4060, 36.5430,
-6.9850

Harmonies

Analogous

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



119.7570, -47.7280, -5.0720



125.5900, -30.7200, 6.0800



130.1800, -8.7140, 14.7580

Triad

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



125.5900, -30.7200, 6.0800



130.0600, 35.3020, 10.0060



121.7940, -14.7600, -18.8560

Complementary

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



125.5900, -30.7200, 6.0800



144.4100, 30.7200, -6.0800

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.



124.6240, 6.3300, -15.6060



125.5900, -30.7200, 6.0800



128.1810, 33.1030, 0.2950

Square

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



125.5900, -30.7200, 6.0800



130.6820, 27.9190, 17.1590



127.1100, 22.6970, -9.3590



118.1860, -36.3550, -18.4590

Rectangle

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



125.5900, -30.7200, 6.0800



131.3020, 5.6820, 18.1780



127.1100, 22.6970, -9.3590



122.3280, -7.5160, -17.9800

Sweetspot

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



125.5900, -30.7200, 6.0800



205.1220, -11.9670, 2.1210



145.6500, -32.0900, -24.1700



101.9330, -7.0610, 1.3150



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



125.5900, -30.7200, 6.0800



153.0150, -47.9140, 9.3180



109.4750, -19.4900, 22.8300



78.6730, -3.3930, 0.9190



53.8530, -64.8330, 13.0790



7.5630, -8.8950, 1.5130

Inverse Universe

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



124.3500, 32.0900, 24.1700



150.9490, 49.8770, 37.7250



160.5250, 19.4900, -22.8300



78.7340, 3.8050, 2.6290



51.4340, 67.9850, 50.9690



7.0060, 9.0310, 7.0390

Previews

White Background



This preview shows how the YIQ color 125.5900, -30.7200, 6.0800 looks on a white background.

Color Contrast Check

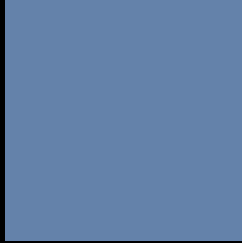
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.5900, -30.7200, 6.0800 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

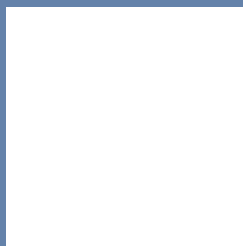
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 125.5900, -30.7200, 6.0800

Background



This preview shows how black text looks on a background with the YIQ color 125.5900, -30.7200, 6.0800.

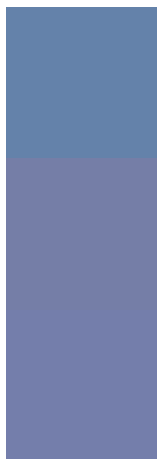


This preview shows how white text looks on a background with the YIQ color 125.5900, -30.7200,

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

125.5900, -30.7200, 6.0800

Protanopia

127.9830, -18.5250, 10.8430

Deuteranopia

128.1400, -20.4050, 11.8750



Tritanopia

122.9950, -27.9670, -5.2710

Trichromacy



Original Color

125.5900, -30.7200, 6.0800

Protanomaly

126.8900, -22.6970, 9.3590

Deuteranomaly

126.9330, -24.2560, 10.0800

Tritanomaly

124.3310, -28.7930, -1.3130

Monochromacy



Original Color

125.5900, -30.7200, 6.0800

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7200, -10.7750, 2.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.5900, -30.7200, 6.0800 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(100, 130, 170)` looks like.

```
.text, #text, p{  
    color:rgb(100, 130, 170)  
}
```

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(100, 130, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 130, 170) }
```

Border

The CSS property to change the border of an element to YIQ 125.5900, -30.7200, 6.0800 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(100, 130, 170) }
```


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

```
.border{ border-color:rgb(100, 130, 170) }
```

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

Here you see how a box with a 4 pixel rgb(100, 130, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 130, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 130, 170);  
box-shadow:4px 4px 4px 4px rgb(100, 130,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 125.5900, -30.7200, 6.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 130, 170) }
```

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

```
.background{ background-color: rgb(100,  
130, 170) }
```

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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