

Converting Colors

YIQ(125.2960, -20.5440,
19.9040)

Have a look what the booklet for
YIQ(125.2960, -20.5440, 19.9040)
contains.

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Color

**YIQ(125.2960, -20.5440,
19.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	7676B6
RGB	118, 118, 182
RGB Percent	46%, 46%, 71%
CMY	0.5372, 0.5372, 0.2864
CMYK	0.35, 0.35, 0.00, 0.29
HSL	240°, 30%, 59%
HSV	240°, 35%, 71%
XYZ	22.3911, 20.1852, 46.9538
YIQ	125.2960, -20.5440, 19.9040

Conversions

Conversions Part 2

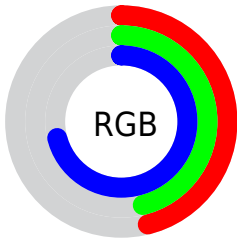
Format	Color
R _Y B	118, 118, 182
Decimal	7763638
CIE Lab	52.05, 15.50, -33.78
CIE LCh	52, 37.167, 294.651
Yxy	20.1852, 0.2501, 0.2255
Android (android.graphics.Color)	4285953718 (0xFF7676B6)
YUV	125.2960, 27.9551, -6.3986
Hunter-Lab	44.9279, 10.3366, -30.5140

Details

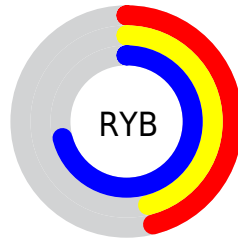
The YIQ color $125.2960, -20.5440, 19.9040$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $174.7040, 20.5440, -19.9040$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.3500, -20.6360, 21.5720$, and $75.5300, -21.3230, 17.5010$ is the 20% darker color. If you saturate the color by 10%, you get $109.3480, -26.3220, 25.5020$, and if you desaturate by 10%, it is $141.2440, -14.7660, 14.3060$.

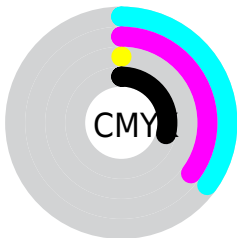
Distribution



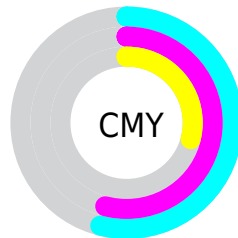
- Red (46%)
- Green (46%)
- Blue (71%)



- Red (46%)
- Yellow (46%)
- Blue (71%)



- Cyan (35%)
- Magenta (35%)
- Yellow (0%)
- Black (29%)



- Cyan (54%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.2960, -20.5440, 19.9040 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 125.2960, -20.5440, 19.9040 by changing the saturation by 10% instead.

■ 125.2960,
-20.5440, 19.9040

■ 125.2960,
-20.5440, 19.9040

■ 255.0000, -0.0000,
-0.0000

■ 99.7690, -20.4980,
19.0700

■ 178.3500,
-20.6360, 21.5720

■ 75.5300, -21.3230,
17.5010

■ 204.5090,
-16.8300, 18.6740

■ 51.8780, -22.4230,
15.4090

■ 229.6160, -7.2460,
10.1780

■ 28.1440, -26.2280,
12.7800

■ 254.4130, 0.2750,
0.5230

■ 6.3840, -17.9760,
17.4160

■ 4.9360, -11.1430,
9.2170

■ 0.7980, -2.2470,

2.1770

0.0000, 0.0000,
0.0000

125.2960,
-20.5440, 19.9040

125.2960,
-20.5440, 19.9040

109.3480,
-26.3220, 25.5020

141.2440,
-14.7660, 14.3060

93.4000, -32.1000,
31.1000

157.1920, -8.9880,
8.7080

76.5660, -38.1990,
37.0090

174.0260, -2.8890,
2.7990

60.6180, -43.9770,
42.6070

189.9740, 2.8890,
-2.7990

44.6700, -49.7550,
48.2050

205.9220, 8.6670,
-8.3970

■ 28.7220, -55.5330,
53.8030

■ 221.8700, 14.4450,
-13.9950

■ 20.7480, -58.4220,
56.6020

■ 237.8180, 20.2230,
-19.5930

■ 246.6780, 23.4330,
-22.7030

Harmonies

Analogous

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



114.0840, -61.5300, 2.7740



125.2960, -20.5440, 19.9040



127.8180, 13.3370, 28.1290

Triad

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



125.2960, -20.5440, 19.9040



123.7330, 49.1040, 2.1600



99.7040, -67.7130, -33.8650

Complementary

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



125.2960, -20.5440, 19.9040



174.7040, 20.5440, -19.9040

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.



113.8440, -18.1970, -28.1570



125.2960, -20.5440, 19.9040



121.7170, 36.8650, -12.8230

Square

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



125.2960, -20.5440, 19.9040



125.0020, 50.3850, 17.4970



118.5890, 13.4380, -23.2820



99.2800, -86.6500, -26.5700

Rectangle

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



125.2960, -20.5440, 19.9040



127.2130, 31.2180, 28.9620



118.5890, 13.4380, -23.2820



107.1320, -45.4310, -30.1910

Sweetspot

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



125.2960, -20.5440, 19.9040



213.9640, -8.3460, 8.0860



162.8640, -38.1440, -13.5680



105.8240, -5.1360, 4.9760



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



125.2960, -20.5440, 19.9040



149.2860, -31.7790, 30.7890



134.8640, -1.4720, 26.6880



84.0260, -2.8890, 2.7990



17.7840, -50.0760, 48.5160



3.1920, -8.9880, 8.7080

Inverse Universe

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



144.4320, 17.6000, 33.4720



178.8870, 27.2250, 51.7770



165.1360, 1.4720, -26.6880



86.7170, 2.4750, 4.7070



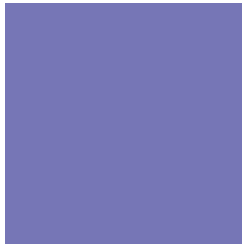
64.4280, 42.9000, 81.5880



11.5640, 7.7000, 14.6440

Previews

White Background



This preview shows how the YIQ color 125.2960, -20.5440, 19.9040 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 125.2960, -20.5440, 19.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

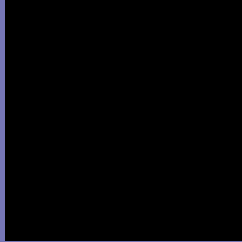
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.2960, -20.5440, 19.9040

Background



This preview shows how black text looks on a background with the YIQ color 125.2960, -20.5440, 19.9040.

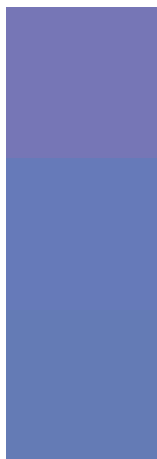


This preview shows how white text looks on a background with the YIQ color 125.2960, -20.5440,

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

125.2960, -20.5440, 19.9040

Protanopia

123.2020, -32.1430, 15.3530

Deuteranopia

122.7350, -32.3260, 13.1620



Tritanopia

122.4590, -14.5340, -0.9180

Trichromacy



Original Color

125.2960, -20.5440, 19.9040

Protanomaly

124.2950, -27.9710, 16.8370

Deuteranomaly

123.6540, -27.6040, 15.6920

Tritanomaly

123.7180, -16.4610, 6.4750

Monochromacy



Original Color

125.2960, -20.5440, 19.9040

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7360, -7.7040, 7.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.2960, -20.5440, 19.9040 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(118, 118, 182)` looks like.

```
.text, #text, p{  
    color:rgb(118, 118, 182)  
}
```

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(118, 118, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 118, 182) }
```

Border

The CSS property to change the border of an element to YIQ 125.2960, -20.5440, 19.9040 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(118, 118, 182) }
```


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

```
.border{ border-color:rgb(118, 118, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 118, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 118, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 118, 182);  
box-shadow:4px 4px 4px 4px rgb(118, 118,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 125.2960, -20.5440, 19.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 118, 182) }
```

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

```
.background{ background-color: rgb(118,  
118, 182) }
```

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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