

Converting Colors

YIQ(126.0740, -20.0390,
16.2570)

Have a look what the booklet for
YIQ(126.0740, -20.0390, 16.2570)
contains.

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Color

**YIQ(126.0740, -20.0390,
16.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	7579B0
RGB	117, 121, 176
RGB Percent	46%, 47%, 69%
CMY	0.5411, 0.5255, 0.3099
CMYK	0.34, 0.31, 0.00, 0.31
HSL	236°, 27%, 57%
HSV	236°, 34%, 69%
XYZ	22.0080, 20.5909, 43.8726
YIQ	126.0740, -20.0390, 16.2570

Conversions

Conversions Part 2

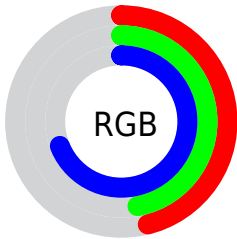
Format	Color
R _Y B	117, 121, 176
Decimal	7698864
CIE Lab	52.50, 11.78, -29.62
CIE LCh	52, 31.875, 291.686
Yxy	20.5909, 0.2545, 0.2381
Android (android.graphics.Color)	4285888944 (0xFF7579B0)
YUV	126.0740, 24.6135, -7.9579
Hunter-Lab	45.3772, 7.1625, -25.5601

Details

The YIQ color **126.0740, -20.0390, 16.2570** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **166.9260, 20.0390, -16.2570**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1280, -20.1310, 17.9250**, and **76.6070, -20.2220, 14.0660** is the 20% darker color. If you saturate the color by 10%, you get **111.3000, -26.3670, 20.8090**, and if you desaturate by 10%, it is **140.8480, -13.7110, 11.7050**.

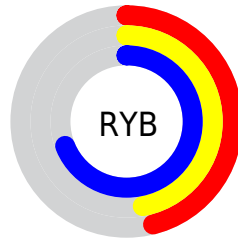
Distribution



Red (46%)

Green (47%)

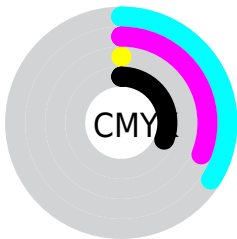
Blue (69%)



Red (46%)

Yellow (47%)

Blue (69%)

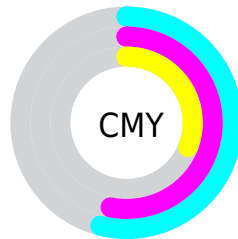


Cyan (34%)

Magenta (31%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.0740, -20.0390, 16.2570 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 126.0740, -20.0390, 16.2570 by changing the saturation by 10% instead.

■ 126.0740,
-20.0390, 16.2570

■ 126.0740,
-20.0390, 16.2570

■ 255.0000, -0.0000,
-0.0000

■ 100.5470,
-19.9930, 15.4230

■ 179.1280,
-20.1310, 17.9250

■ 76.6070, -20.2220,
14.0660

■ 206.2590,
-19.1220, 16.1580

■ 52.7810, -20.7720,
13.0200

■ 231.3660, -9.5380,
7.6620

■ 29.3460, -23.9810,
10.6030

■ 8.1620, -17.4710,
13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,

0.0000

■ 126.0740,
-20.0390, 16.2570

■ 126.0740,
-20.0390, 16.2570

■ 111.3000,
-26.3670, 20.8090

■ 140.8480,
-13.7110, 11.7050

■ 96.2380, -31.8240,
26.0960

■ 155.9100, -8.2540,
6.4180

■ 81.4640, -38.1520,
30.6480

■ 170.6840, -1.9260,
1.8660

■ 66.4020, -43.6090,
35.9350

■ 185.7460, 3.5310,
-3.4210

■ 51.6280, -49.9370,
40.4870

■ 200.5200, 9.8590,
-7.9730

■ 36.8540, -56.2650,
45.0390

■ 215.2940, 16.1870,
-12.5250

■ 27.1080, -59.7960,
48.4600

■ 230.3560, 21.6440,
-17.8120

■ 244.2330, 26.1840,
-23.0000

■ 245.9940, 25.3590,
-24.5690

Harmonies

Analogous

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



117.6460, -51.4890, 2.5190



126.0740, -20.0390, 16.2570



128.7310, 9.0280, 23.6200

Triad

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



126.0740, -20.0390, 16.2570



125.7370, 43.2810, 3.0650



110.6640, -43.8730, -25.3850

Complementary

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



126.0740, -20.0390, 16.2570



166.9260, 20.0390, -16.2570

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.



117.3010, -12.0540, -23.8460



126.0740, -20.0390, 16.2570



123.9710, 33.3340, -9.4020

Square

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



126.0740, -20.0390, 16.2570



126.9410, 43.1870, 15.7870



121.4090, 14.1250, -19.2110



98.7100, -85.0450, -28.1250

Rectangle

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



126.0740, -20.0390, 16.2570



128.7560, 25.0750, 24.6510



121.4090, 14.1250, -19.2110



113.8240, -32.6400, -25.2160

Sweetspot

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



126.0740, -20.0390, 16.2570



210.2090, -7.6580, 6.6300



157.7890, -33.5590, -14.0630



103.1830, -4.7690, 3.8310



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



126.0740, -20.0390, 16.2570



152.0100, -31.1820, 25.4740



131.2010, -4.0390, 23.6490



81.6130, -3.1640, 2.2760



23.3120, -51.8630, 42.3530



4.1380, -8.8960, 7.0400

Inverse Universe

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



135.0970, 33.8800, 13.7520



166.1920, 52.9060, 21.3700



161.7990, 4.0390, -23.6490



82.8050, 5.0430, 2.2190



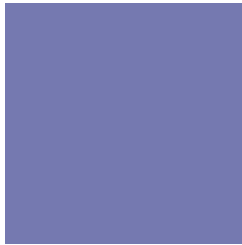
46.8870, 87.9780, 35.5460



8.0020, 14.8540, 6.1340

Previews

White Background



This preview shows how the YIQ color 126.0740, -20.0390, 16.2570 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 126.0740, -20.0390, 16.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

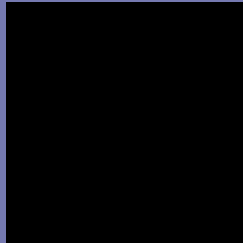
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.0740, -20.0390, 16.2570

Background



This preview shows how black text looks on a background with the YIQ color 126.0740, -20.0390, 16.2570.



This preview shows how white text looks on a background with the YIQ color 126.0740, -20.0390, 16.2570.

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

126.0740, -20.0390, 16.2570

Protanopia

124.7850, -26.5950, 13.9250

Deuteranopia

125.0300, -25.9070, 12.4690



Tritanopia

123.5730, -14.8550, -0.6070

Trichromacy



Original Color

126.0740, -20.0390, 16.2570

Protanomaly

124.9810, -24.2110, 14.7730

Deuteranomaly

125.3400, -23.8440, 13.6280

Tritanomaly

124.1910, -16.4150, 5.6410

Monochromacy



Original Color

126.0740, -20.0390, 16.2570

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9810, -7.0160, 6.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.0740, -20.0390, 16.2570 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(117, 121, 176)` looks like.

```
.text, #text, p{  
    color:rgb(117, 121, 176)  
}
```

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(117, 121, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 121, 176) }
```

Border

The CSS property to change the border of an element to YIQ 126.0740, -20.0390, 16.2570 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(117, 121, 176) }
```


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

```
.border{ border-color:rgb(117, 121, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 121, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 121, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 121, 176);  
box-shadow:4px 4px 4px 4px rgb(117, 121,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 126.0740, -20.0390, 16.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 121, 176) }
```

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

```
.background{ background-color: rgb(117,  
121, 176) }
```

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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