

Converting Colors

YIQ(126.6700, -24.5330,
20.6110)

Have a look what the booklet for
YIQ(126.6700, -24.5330, 20.6110)
contains.

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Color

**YIQ(126.6700, -24.5330,
20.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	7478BD
RGB	116, 120, 189
RGB Percent	45%, 47%, 74%
CMY	0.5451, 0.5294, 0.2590
CMYK	0.39, 0.36, 0.00, 0.26
HSL	237°, 36%, 60%
HSV	237°, 39%, 74%
XYZ	23.1014, 20.8194, 50.9232
YIQ	126.6700, -24.5330, 20.6110

Conversions

Conversions Part 2

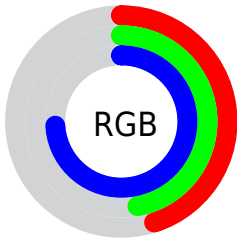
Format	Color
R _Y B	116, 120, 189
Decimal	7633085
CIE Lab	52.75, 15.69, -36.71
CIE LCh	53, 39.921, 293.148
Yxy	20.8194, 0.2436, 0.2195
Android (android.graphics.Color)	4285823165 (0xFF7478BD)
YUV	126.6700, 30.7287, -9.3576
Hunter-Lab	45.6283, 10.5242, -34.2304

Details

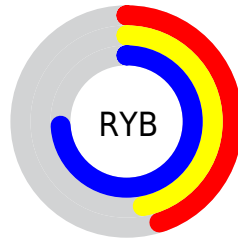
The YIQ color $126.6700, -24.5330, 20.6110$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $178.3300, 24.5330, -20.6110$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.8380, -24.9460, 22.5900$, and $76.4910, -25.5870, 17.6850$ is the 20% darker color. If you saturate the color by 10%, you get $110.4230, -30.9070, 25.9970$, and if you desaturate by 10%, it is $142.9170, -18.1590, 15.2250$.

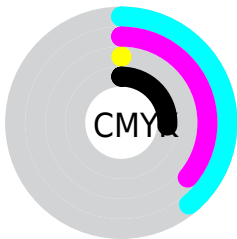
Distribution



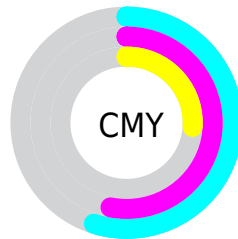
- Red (45%)
- Green (47%)
- Blue (74%)



- Red (45%)
- Yellow (47%)
- Blue (74%)



- Cyan (39%)
- Magenta (36%)
- Yellow (0%)
- Black (26%)



- Cyan (55%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.6700, -24.5330, 20.6110 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 126.6700, -24.5330, 20.6110 by changing the saturation by 10% instead.

■ 126.6700,
-24.5330, 20.6110

■ 126.6700,
-24.5330, 20.6110

■ 255.0000, -0.0000,
-0.0000

■ 101.1430,
-24.4870, 19.7770

■ 179.8380,
-24.9460, 22.5900

■ 76.4910, -25.5870,
17.6850

■ 205.3840,
-17.9760, 17.4160

■ 52.0670, -27.3290,
16.2150

■ 230.1920, -8.9880,
8.7080

■ 26.7130, -35.2600,
11.2680

■ 8.7150, -20.4060,
17.4020

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 126.6700,
-24.5330, 20.6110

■ 126.6700,
-24.5330, 20.6110

■ 110.4230,
-30.9070, 25.9970

■ 142.9170,
-18.1590, 15.2250

■ 94.1760, -37.2810,
31.3830

■ 159.1640,
-11.7850, 9.8390

■ 77.9290, -43.6550,
36.7690

■ 175.4110, -5.4110,
4.4530

■ 62.2690, -50.3040,
41.6320

■ 191.0710, 1.2380,
-0.4100

■ 46.3210, -56.0820,
47.2300

■ 207.0190, 7.0160,
-6.0080

■ 30.0740, -62.4560,
52.6160

■ 223.2660, 13.3900,
-11.3940

■ 27.4160, -63.4190,
53.5490

■ 239.5130, 19.7640,
-16.7800

■ 247.4760, 21.1860,
-20.5260

Harmonies

Analogous

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



111.8590, -74.1380, -0.0100



126.6700, -24.5330, 20.6110



129.9860, 12.9240, 30.1080

Triad

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



126.6700, -24.5330, 20.6110



125.4130, 53.0010, 3.1210



97.2790, -76.8820, -38.4020

Complementary

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



126.6700, -24.5330, 20.6110



178.3300, 24.5330, -20.6110

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.



114.6760, -17.7840, -30.1360



126.6700, -24.5330, 20.6110



123.1580, 39.9370, -13.4310

Square

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



126.6700, -24.5330, 20.6110



126.4370, 53.5940, 19.9140



120.2040, 15.9600, -24.9360



101.2690, -88.1170, -27.5170

Rectangle

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



126.6700, -24.5330, 20.6110



128.9790, 31.9970, 31.3650



120.2040, 15.9600, -24.9360



106.9850, -49.5110, -33.3430

Sweetspot

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



126.6700, -24.5330, 20.6110



219.5940, -10.1800, 8.2840



166.6030, -41.9030, -17.0310



107.5250, -5.7320, 4.7640



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



126.6700, -24.5330, 20.6110



148.4040, -37.9230, 32.0050



133.8900, -4.3610, 29.4870



86.0260, -2.8890, 2.7990



23.2950, -53.1930, 44.4310



4.7080, -10.5010, 8.5950

Inverse Universe

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



138.2830, 42.2240, 16.7200



166.4710, 65.4220, 25.8220



171.1100, 4.3610, -29.4870



87.6910, 5.3640, 1.9080



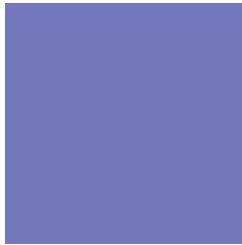
48.2680, 91.2790, 36.2950



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 126.6700, -24.5330, 20.6110 looks on a white background.

Color Contrast Check

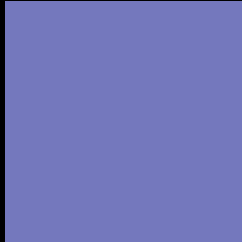
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.6700, -24.5330, 20.6110 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 126.6700, -24.5330, 20.6110

Background



This preview shows how black text looks on a background with the YIQ color 126.6700, -24.5330, 20.6110.

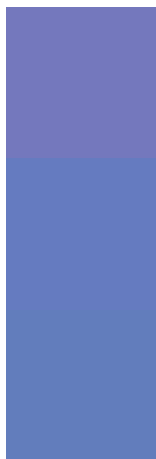


This preview shows how white text looks on a background with the YIQ color 126.6700, -24.5330,

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

126.6700, -24.5330, 20.6110

Protanopia

124.2880, -35.2610, 16.7950

Deuteranopia

124.1090, -36.3150, 13.8690



Tritanopia

123.3660, -18.7060, -2.4020

Trichromacy



Original Color

126.6700, -24.5330, 20.6110

Protanomaly

125.0820, -31.6850, 18.0670

Deuteranomaly

125.0280, -31.5930, 16.3990

Tritanomaly

124.2660, -21.0000, 6.1360

Monochromacy



Original Color

126.6700, -24.5330, 20.6110

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.6650, -8.9420, 7.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6700, -24.5330, 20.6110 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(116, 120, 189)` looks like.

```
.text, #text, p{  
    color:rgb(116, 120, 189)  
}
```

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(116, 120, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 120, 189) }
```

Border

The CSS property to change the border of an element to YIQ 126.6700, -24.5330, 20.6110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

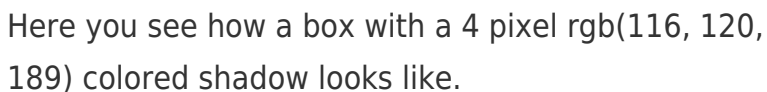
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 120, 189) }
```


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

```
.border{ border-color:rgb(116, 120, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 120, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 120, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 120, 189); box-shadow:4px 4px 4px 4px rgb(116, 120, 189) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6700, -24.5330, 20.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 120, 189) }
```

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

```
.background{ background-color: rgb(116,  
120, 189) }
```

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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