

Converting Colors

YIQ(126.2380, 20.9020, 28.6940)

Have a look what the booklet for
YIQ(126.2380, 20.9020, 28.6940)
contains.

YIQ(126.2380, 20.9020, 28.6940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(126.2380, 20.9020,
28.6940)**

Conversions

Conversions Part 1

Format	Color
Hex	A46698
RGB	164, 102, 152
RGB Percent	64%, 40%, 60%
CMY	0.3567, 0.6001, 0.4039
CMYK	0.00, 0.38, 0.07, 0.36
HSL	312°, 25%, 52%
HSV	312°, 38%, 64%
XYZ	25.7365, 19.6624, 32.1494
YIQ	126.2380, 20.9020, 28.6940

Conversions

Conversions Part 2

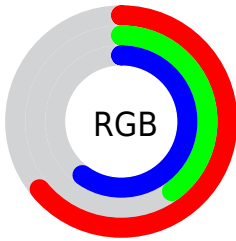
Format	Color
R_{YB}	164, 102, 152
Decimal	10774168
CIE _{Lab}	51.45, 32.73, -16.88
CIE _{LCh}	51, 36.824, 332.717
Yxy	19.6624, 0.3319, 0.2536
Android (android.graphics.Color)	4288964248 (0xFFA46698)
YUV	126.2380, 12.7007, 33.1173
Hunter-Lab	44.3423, 26.0033, -11.9473

Details

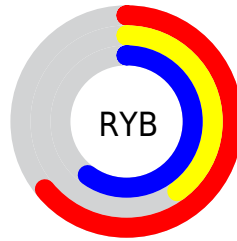
The YIQ color **126.2380, 20.9020, 28.6940** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.7620, -20.9020, -28.6940**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6620, 22.6440, 30.1640**, and **75.8140, 19.1600, 27.2240** is the 20% darker color. If you saturate the color by 10%, you get **116.5040, 26.2650, 36.1290**, and if you desaturate by 10%, it is **135.9720, 15.5390, 21.2590**.

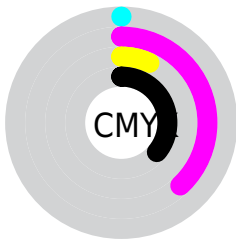
Distribution



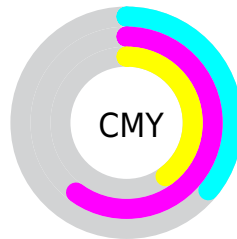
- Red (64%)
- Green (40%)
- Blue (60%)



- Red (64%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (7%)
- Black (36%)





- Cyan (36%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.2380, 20.9020, 28.6940 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 126.2380, 20.9020, 28.6940 by changing the saturation by 10% instead.


 126.2380, 20.9020,
28.6940


 126.2380, 20.9020,
28.6940


255.0000, -0.0000,
-0.0000


 100.5260, 20.0310,
27.9590


 179.6620, 22.6440,
30.1640


 75.8140, 19.1600,
27.2240


 207.4880, 23.1940,
31.2100


 51.5150, 18.5640,
27.0120

 227.9980, 12.6500,
24.0580

 26.1560, 18.1970,
28.1570

 245.0210, 4.6750,
8.8910

 15.7220, 13.2470,
18.7430

 0.5700, -1.6050,
1.5550

 0.0000, 0.0000,

0.0000

126.2380, 20.9020,
28.6940

126.2380, 20.9020,
28.6940

116.5040, 26.2650,
36.1290

135.9720, 15.5390,
21.2590

106.1830, 31.9030,
44.0870

146.2930, 9.9010,
13.3010

96.3350, 37.5870,
51.2110

156.1410, 4.2170,
6.1770

86.0140, 43.2250,
59.1690

166.4620, -1.4210,
-1.7810

76.2800, 48.5880,
66.6040

176.1960, -6.7840,
-9.2160

66.5460, 53.9510,
74.0390

185.9300,
-12.1470, -16.6510

■ 64.0840, 55.3720,
75.8200

■ 196.2510,
-17.7850, -24.6090

■ 205.9850,
-23.1480, -32.0440

■ 216.4200,
-29.1070, -39.6910

Harmonies

Analogous

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



124.9660, -10.6870, 22.9850



126.2380, 20.9020, 28.6940



124.8520, 42.3600, 25.2720

Triad

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



126.2380, 20.9020, 28.6940



119.7870, 30.6760, -16.3000



98.7900, -88.0260, -23.6580

Complementary

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



126.2380, 20.9020, 28.6940



139.7620, -20.9020, -28.6940

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.



95.8430, -78.3500, -33.8220



126.2380, 20.9020, 28.6940



116.3430, 5.3230, -24.8930

Square

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



126.2380, 20.9020, 28.6940



122.1300, 46.3080, -2.2360



110.1680, -27.9170, -28.2130



98.3630, -93.7130, -14.2010

Rectangle

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



126.2380, 20.9020, 28.6940



123.3440, 49.4220, 18.4300



110.1680, -27.9170, -28.2130



98.2370, -85.0910, -27.2910

Sweetspot

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



126.2380, 20.9020, 28.6940



200.0430, 7.6090, 10.7850



112.3570, -13.3460, 21.6140



98.4400, 4.8130, 6.3890



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



126.2380, 20.9020, 28.6940



155.5960, 32.1780, 44.6100



122.8180, 30.5320, 19.3640



76.4890, 3.1170, 4.0850



56.6930, 48.8630, 67.1270



6.9780, 6.2340, 8.1700

Inverse Universe

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



126.2380, 20.9020, 28.6940



155.5960, 32.1780, 44.6100



143.1820, -30.5320, -19.3640



76.4890, 3.1170, 4.0850



56.6930, 48.8630, 67.1270



6.9780, 6.2340, 8.1700

Previews

White Background



This preview shows how the YIQ color 126.2380, 20.9020, 28.6940 looks on a white background.

Color Contrast Check

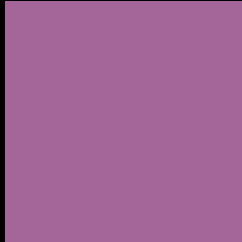
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.2380, 20.9020, 28.6940 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 126.2380, 20.9020, 28.6940

Background



This preview shows how black text looks on a background with the YIQ color 126.2380, 20.9020, 28.6940.



This preview shows how white text looks on a background with the YIQ color 126.2380, 20.9020,

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

126.2380, 20.9020, 28.6940

Protanopia

122.8410, -21.0010, 11.6630

Deuteranopia

123.9040, -8.1170, 9.4430



Tritanopia

125.1610, 27.8280, 13.3000

Trichromacy



Original Color

126.2380, 20.9020, 28.6940

Protanomaly

124.1420, -5.5510, 18.0090

Deuteranomaly

124.3940, 2.4270, 16.5950

Tritanomaly

125.1810, 25.0760, 19.1240

Monochromacy



Original Color

126.2380, 20.9020, 28.6940

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9290, 7.9300, 10.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.2380, 20.9020, 28.6940 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(164, 102, 152)` looks like.

```
.text, #text, p{  
    color:rgb(164, 102, 152)  
}
```

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(164, 102, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 102, 152) }
```

Border

The CSS property to change the border of an element to YIQ 126.2380, 20.9020, 28.6940 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(164, 102, 152) }
```


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

```
.border{ border-color:rgb(164, 102, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 102, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 102, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 102, 152);  
box-shadow:4px 4px 4px 4px rgb(164, 102,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 126.2380, 20.9020, 28.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 102, 152) }
```

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

```
.background{ background-color: rgb(164,  
102, 152) }
```

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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