

Converting Colors

YIQ(152.4020, 26.3120, 29.7680)

Have a look what the booklet for
YIQ(152.4020, 26.3120, 29.7680)
contains.

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Color

**YIQ(152.4020, 26.3120,
29.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	C47EAE
RGB	196, 126, 174
RGB Percent	77%, 49%, 68%
CMY	0.2312, 0.5060, 0.3176
CMYK	0.00, 0.36, 0.11, 0.23
HSL	319°, 37%, 63%
HSV	319°, 36%, 77%
XYZ	37.8767, 29.7134, 43.7921
YIQ	152.4020, 26.3120, 29.7680

Conversions

Conversions Part 2

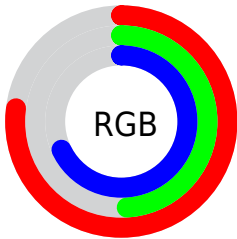
Format	Color
R_{YB}	196, 126, 174
Decimal	12877486
CIE _{Lab}	61.41, 34.30, -14.17
CIE _{LCh}	61, 37.109, 337.550
Yxy	29.7134, 0.3401, 0.2668
Android (android.graphics.Color)	4291067566 (0xFFC47EAE)
YUV	152.4020, 10.6478, 38.2354
Hunter-Lab	54.5100, 28.6399, -9.4753

Details

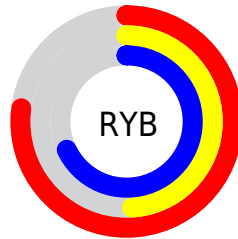
The YIQ color $152.4020, 26.3120, 29.7680$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $169.5980, -26.3120, -29.7680$, and the grayscale version is $152.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $207.8260, 28.0540, 31.2380$, and $100.0920, 24.2490, 28.6090$ is the 20% darker color. If you saturate the color by 10%, you get $139.9780, 33.7380, 38.3620$, and if you desaturate by 10%, it is $164.8260, 18.8860, 21.1740$.

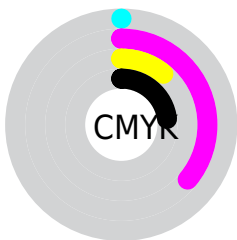
Distribution



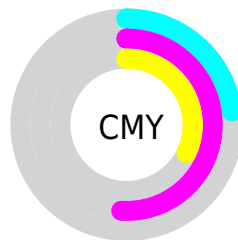
- Red (77%)
- Green (49%)
- Blue (68%)



- Red (77%)
- Yellow (49%)
- Blue (68%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (23%)





- Cyan (23%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.4020, 26.3120, 29.7680 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 152.4020, 26.3120, 29.7680 by changing the saturation by 10% instead.


 152.4020, 26.3120,
29.7680


 152.4020, 26.3120,
29.7680


255.0000, -0.0000,
-0.0000


 125.6900, 25.4410,
29.0330


 207.8260, 28.0540,
31.2380


 100.0920, 24.2490,
28.6090


 227.4110, 12.9250,
24.5810

 75.3800, 23.3780,
27.8740

 243.8470, 5.2250,
9.9370

 50.1950, 22.4610,
27.9730

 24.8360, 22.0940,
29.1180

 16.2770, 15.9980,
18.4460

 0.0000, 0.0000,

0.0000

152.4020, 26.3120,
29.7680

152.4020, 26.3120,
29.7680

139.9780, 33.7380,
38.3620

164.8260, 18.8860,
21.1740

128.1410, 40.8890,
46.4330

176.6630, 11.7350,
13.1030

115.7170, 48.3150,
55.0270

189.2010, 3.9880,
4.8200

103.7660, 55.7870,
62.7870

201.0380, -3.1630,
-3.2510

91.3420, 63.2130,
71.3810

213.4620,
-10.5890, -11.8450

78.9180, 70.6390,
79.9750

225.8860,
-18.0150, -20.4390

73.8800, 73.8020,
83.2260

233.0270,
-22.9660, -24.3260

233.7110,
-24.8920, -22.4600

234.3950,
-26.8180, -20.5940

Harmonies

Analogous

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



151.9560, -4.7270, 25.1050



152.4020, 26.3120, 29.7680



150.7770, 46.9450, 24.7770

Triad

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



152.4020, 26.3120, 29.7680



144.9500, 28.6590, -18.2930



117.5860, -105.1270, -27.6150

Complementary

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



152.4020, 26.3120, 29.7680



169.5980, -26.3120, -29.7680

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.



121.8040, -82.6140, -33.6380



152.4020, 26.3120, 29.7680



141.2500, 1.1510, -26.3770

Square

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



152.4020, 26.3120, 29.7680



147.8480, 47.0420, -4.5260



135.2920, -34.1980, -30.0220



129.9130, -83.3980, -8.4060

Rectangle

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



152.4020, 26.3120, 29.7680



150.1440, 52.8610, 16.6770



135.2920, -34.1980, -30.0220



117.1470, -102.5130, -30.9370

Sweetspot

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



152.4020, 26.3120, 29.7680



237.5380, 10.5890, 11.8450



140.2590, -9.9540, 26.2220



117.3370, 6.6010, 7.0250



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



152.4020, 26.3120, 29.7680



186.5540, 41.1640, 46.9560



148.5260, 37.2260, 19.1940



90.7880, 3.7130, 4.2970



60.6790, 60.6460, 68.3420



12.4890, 12.2850, 14.1490

Inverse Universe

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



152.4020, 26.3120, 29.7680



186.5540, 41.1640, 46.9560



173.4740, -37.2260, -19.1940



90.7880, 3.7130, 4.2970



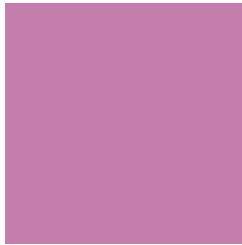
60.6790, 60.6460, 68.3420



12.4890, 12.2850, 14.1490

Previews

White Background



This preview shows how the YIQ color 152.4020, 26.3120, 29.7680 looks on a white background.

Color Contrast Check

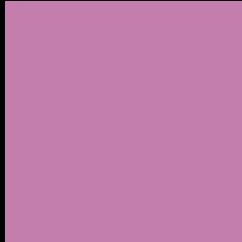
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.4020, 26.3120, 29.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

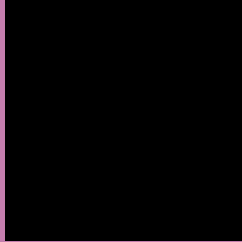
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 152.4020, 26.3120, 29.7680

Background



This preview shows how black text looks on a background with the YIQ color 152.4020, 26.3120, 29.7680.



This preview shows how white text looks on a background with the YIQ color 152.4020, 26.3120,

29.7680.

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

152.4020, 26.3120, 29.7680

Protanopia

149.0970, -18.8460, 11.1540

Deuteranopia

150.3560, -3.5780, 9.7820



Tritanopia

151.0800, 32.5500, 15.8300

Trichromacy



Original Color

152.4020, 26.3120, 29.7680

Protanomaly

150.1100, -2.5250, 18.2350

Deuteranomaly

151.1450, 7.5620, 17.1460

Tritanomaly

151.5730, 29.8440, 20.8200

Monochromacy



Original Color

152.4020, 26.3120, 29.7680

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.4130, 9.4430, 10.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.4020, 26.3120, 29.7680 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(196, 126, 174)` looks like.

```
.text, #text, p{  
    color:rgb(196, 126, 174)  
}
```

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(196, 126, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 126, 174) }
```

Border

The CSS property to change the border of an element to YIQ 152.4020, 26.3120, 29.7680 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(196, 126, 174) }
```


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

```
.border{ border-color:rgb(196, 126, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 126, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 126, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 126, 174);  
box-shadow:4px 4px 4px 4px rgb(196, 126,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 152.4020, 26.3120, 29.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 126, 174) }
```

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

```
.background{ background-color: rgb(196,  
126, 174) }
```

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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