

Converting Colors

YIQ(179.3060, 26.2220, 20.3820)

Have a look what the booklet for
YIQ(179.3060, 26.2220, 20.3820)
contains.

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Color

**YIQ(179.3060, 26.2220,
20.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	D99FB9
RGB	217, 159, 185
RGB Percent	85%, 62%, 73%
CMY	0.1489, 0.3765, 0.2744
CMYK	0.00, 0.27, 0.15, 0.15
HSL	333°, 43%, 74%
HSV	333°, 27%, 85%
XYZ	49.7801, 43.0493, 51.5964
YIQ	179.3060, 26.2220, 20.3820

Conversions

Conversions Part 2

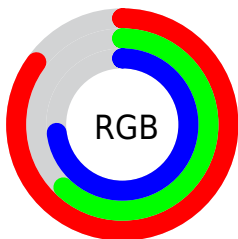
Format	Color
R _Y B	217, 159, 185
Decimal	14262201
CIE Lab	71.59, 25.50, -4.91
CIE LCh	72, 25.967, 349.099
Yxy	43.0493, 0.3447, 0.2981
Android (android.graphics.Color)	4292452281 (0xFFD99FB9)
YUV	179.3060, 2.8071, 33.0576
Hunter-Lab	65.6120, 20.6078, -0.6965

Details

The YIQ color $179.3060, 26.2220, 20.3820$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $196.6940, -26.2220, -20.3820$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $229.3370, 15.7690, 17.0890$, and $125.9960, 24.1590, 19.2230$ is the 20% darker color. If you saturate the color by 10%, you get $165.0240, 36.1240, 28.1560$, and if you desaturate by 10%, it is $193.5880, 16.3200, 12.6080$.

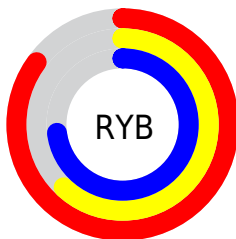
Distribution



Red (85%)

Green (62%)

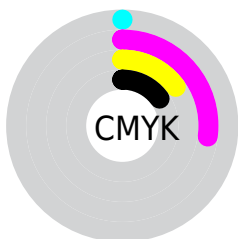
Blue (73%)



Red (85%)

Yellow (62%)

Blue (73%)

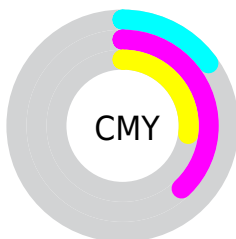


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.3060, 26.2220, 20.3820 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 179.3060, 26.2220, 20.3820 by changing the saturation by 10% instead.


 179.3060, 26.2220,
20.3820

 179.3060, 26.2220,
20.3820


255.0000, -0.0000,
-0.0000


 152.5940, 25.3510,
19.6470


 229.3370, 15.7690,
17.0890


 125.9960, 24.1590,
19.2230

 247.9560, 3.3000,
6.2760

 100.6970, 23.5630,
19.0110

 76.0990, 22.3710,
18.5870

 52.2020, 20.5830,
17.9510

 29.6040, 19.3910,
17.5270

 13.5990, 17.7870,

13.5550

■ 0.0000, 0.0000,
0.0000

■ 179.3060, 26.2220,
20.3820

■ 179.3060, 26.2220,
20.3820

■ 165.0240, 36.1240,
28.1560

■ 193.5880, 16.3200,
12.6080

■ 151.3290, 45.7510,
35.4070

■ 207.2830, 6.6930,
5.3570

■ 137.0470, 55.6530,
43.1810

■ 221.5650, -3.2090,
-2.4170

■ 122.7650, 65.5550,
50.9550

■ 235.8470,
-13.1110, -10.1910

■ 108.4830, 75.4570,
58.7290

■ 242.4980,
-19.4380, -11.1660

■ 94.7880, 85.0840,
65.9800

■ 243.6380,
-22.6480, -8.0560

■ 80.5060, 94.9860,
73.7540

■ 75.9410, 98.1950,
76.1710

Harmonies

Analogous

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



178.7690, 5.8650, 20.3690



179.3060, 26.2220, 20.3820



178.6630, 38.0980, 14.4020

Triad

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



179.3060, 26.2220, 20.3820



172.8160, 14.5370, -15.6630



166.0120, -53.0000, -8.6480

Complementary

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



179.3060, 26.2220, 20.3820



196.6940, -26.2220, -20.3820

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.



164.5960, -49.1930, -17.0730



179.3060, 26.2220, 20.3820



169.8610, -7.6990, -20.1710

Square

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



179.3060, 26.2220, 20.3820



175.1820, 31.3620, -6.7020



166.3560, -31.0820, -20.4100



170.9200, -40.5770, 2.9990

Rectangle

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



179.3060, 26.2220, 20.3820



177.3440, 40.2540, 8.3660



166.3560, -31.0820, -20.4100



164.7190, -53.7330, -11.8850

Sweetspot

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



179.3060, 26.2220, 20.3820



242.0060, 9.0310, 7.0390



175.1800, 0.4540, 24.8220



119.4570, 6.1430, 4.3110



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.



179.3060, 26.2220, 20.3820



201.7360, 36.9950, 28.8910



178.1030, 33.7430, 10.7270



102.8590, 4.9510, 3.8870



60.6190, 78.0700, 60.9340



16.1480, 20.6750, 16.2830

Inverse Universe

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



179.3060, 26.2220, 20.3820



201.7360, 36.9950, 28.8910



197.8970, -33.7430, -10.7270



102.8590, 4.9510, 3.8870



60.6190, 78.0700, 60.9340



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 179.3060, 26.2220, 20.3820 looks on a white background.

Color Contrast Check

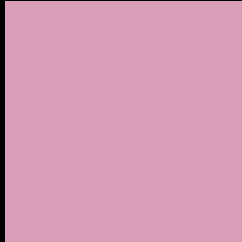
Large Text (above 18pt) WCAG AA × Fail

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 179.3060, 26.2220, 20.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

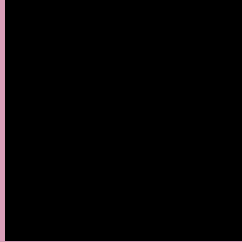
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.3060, 26.2220, 20.3820

Background



This preview shows how black text looks on a background with the YIQ color 179.3060, 26.2220, 20.3820.



This preview shows how white text looks on a background with the YIQ color 179.3060, 26.2220,

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

179.3060, 26.2220, 20.3820

Protanopia

176.0950, -7.3370, 6.3190

Deuteranopia

177.1630, 7.1510, 8.0710



Tritanopia

178.8130, 28.9280, 15.3920

Trichromacy



Original Color

179.3060, 26.2220, 20.3820

Protanomaly

177.4880, 4.8580, 11.0820

Deuteranomaly

177.9190, 13.8900, 12.5940

Tritanomaly

178.6820, 27.9190, 17.1590

Monochromacy



Original Color

179.3060, 26.2220, 20.3820

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.3050, 9.6270, 7.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.3060, 26.2220, 20.3820 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(217, 159, 185)` looks like.

```
.text, #text, p{  
    color:rgb(217, 159, 185)  
}
```

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(217, 159, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 159, 185) }
```

Border

The CSS property to change the border of an element to YIQ 179.3060, 26.2220, 20.3820 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(217, 159, 185) }
```


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

```
.border{ border-color:rgb(217, 159, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 159, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 159, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 159, 185); box-shadow:4px 4px 4px 4px rgb(217, 159, 185) }
```

Background

The CSS property to change the background color of an element to YIQ 179.3060, 26.2220, 20.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 159, 185) }
```

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

```
.background{ background-color: rgb(217,  
159, 185) }
```

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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