

Converting Colors

YIQ(177.7430, 17.9220, 27.6340)

Have a look what the booklet for
YIQ(177.7430, 17.9220, 27.6340)
contains.

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Color

**YIQ(177.7430, 17.9220,
27.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	D49BCD
RGB	212, 155, 205
RGB Percent	83%, 61%, 80%
CMY	0.1685, 0.3922, 0.1960
CMYK	0.00, 0.27, 0.03, 0.17
HSL	307°, 40%, 72%
HSV	307°, 27%, 83%
XYZ	49.9015, 41.8463, 63.2099
YIQ	177.7430, 17.9220, 27.6340

Conversions

Conversions Part 2

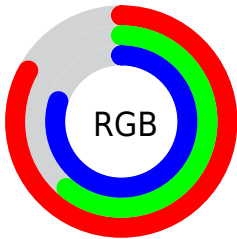
Format	Color
R _Y B	212, 155, 205
Decimal	13933517
CIE Lab	70.76, 29.38, -17.25
CIE LCh	71, 34.065, 329.582
Yxy	41.8463, 0.3220, 0.2700
Android (android.graphics.Color)	4292123597 (0xFFD49BCD)
YUV	177.7430, 13.4377, 30.0434
Hunter-Lab	64.6887, 24.4912, -12.6525

Details

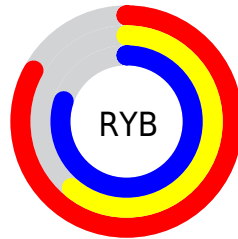
The YIQ color **177.7430, 17.9220, 27.6340** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **189.2570, -17.9220, -27.6340**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.5850, 12.3750, 23.5350**, and **124.6180, 16.7760, 26.3760** is the 20% darker color. If you saturate the color by 10%, you get **165.0740, 24.6600, 37.6840**, and if you desaturate by 10%, it is **190.4120, 11.1840, 17.5840**.

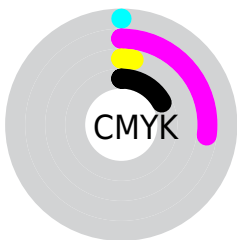
Distribution



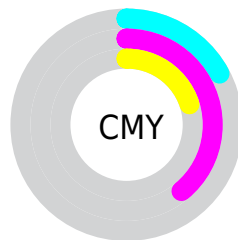
- Red (83%)
- Green (61%)
- Blue (80%)



- Red (83%)
- Yellow (61%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (17%)




- Cyan (17%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.7430, 17.9220, 27.6340 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 177.7430, 17.9220, 27.6340 by changing the saturation by 10% instead.


 177.7430, 17.9220,
27.6340


 177.7430, 17.9220,
27.6340


255.0000, -0.0000,
-0.0000


 150.9170, 17.3720,
26.5880


 228.5850, 12.3750,
23.5350


 124.6180, 16.7760,
26.3760

 245.0210, 4.6750,
8.8910

 98.9060, 15.9050,
25.6410

 74.1940, 15.0340,
24.9060

 50.4820, 14.1630,
24.1710

 26.5960, 13.8420,
24.4820

 14.4120, 11.1840,

17.5840

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 177.7430, 17.9220,
27.6340

■ 177.7430, 17.9220,
27.6340

■ 165.0740, 24.6600,
37.6840

■ 190.4120, 11.1840,
17.5840

■ 152.5190, 31.0770,
48.0450

■ 202.9670, 4.7670,
7.2230

■ 139.2630, 38.0900,
58.6180

■ 216.2230, -2.2460,
-3.3500

■ 126.7080, 44.5070,
68.9790

■ 228.7780, -8.6630,
-13.7110

■ 114.0390, 51.2450,
79.0290

■ 237.9250,
-13.7510, -20.6230

■ 101.3700, 57.9830,
89.0790

■ 238.2670,
-14.7140, -19.6900

■ 88.8150, 64.4000,
99.4400

■ 238.4950,
-15.3560, -19.0680

■ 84.5920, 66.6460,
102.7900

■ 238.8370,
-16.3190, -18.1350

■ 239.1790,
-17.2820, -17.2020

Harmonies

Analogous

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



175.3570, -13.3460, 21.6140



177.7430, 17.9220, 27.6340



177.0690, 40.2510, 24.9470

Triad

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



177.7430, 17.9220, 27.6340



171.3360, 33.5640, -13.5720



152.9220, -79.5900, -22.3580

Complementary

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



177.7430, 17.9220, 27.6340



189.2570, -17.9220, -27.6340

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.



157.4500, -55.0140, -27.2220



177.7430, 17.9220, 27.6340



167.5500, 9.1740, -23.0980

Square

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



177.7430, 17.9220, 27.6340



173.4940, 48.2790, 0.5910



163.5170, -21.5900, -27.2380



159.1760, -73.9530, -8.8730

Rectangle

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



177.7430, 17.9220, 27.6340



175.8710, 49.3760, 19.2640



163.5170, -21.5900, -27.2380



153.8640, -73.6750, -24.9310

Sweetspot

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



177.7430, 17.9220, 27.6340



242.9180, 6.4630, 9.5270



163.5910, -14.1250, 19.2110



120.1410, 4.2170, 6.1770



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.



177.7430, 17.9220, 27.6340



205.7260, 25.7600, 39.7760



174.5510, 26.9100, 18.9260



100.4290, 3.3460, 5.4420



68.2290, 53.7660, 82.9020



17.1890, 13.4300, 20.9340

Inverse Universe

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



177.7430, 17.9220, 27.6340



205.7260, 25.7600, 39.7760



192.4490, -26.9100, -18.9260



100.4290, 3.3460, 5.4420



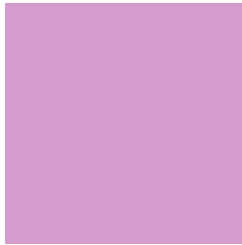
68.2290, 53.7660, 82.9020



17.1890, 13.4300, 20.9340

Previews

White Background



This preview shows how the YIQ color 177.7430, 17.9220, 27.6340 looks on a white background.

Color Contrast Check

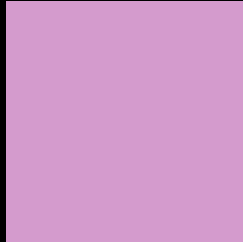
Large Text (above 18pt) WCAG AA × Fail

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 177.7430, 17.9220, 27.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

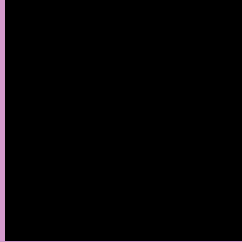
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.7430, 17.9220, 27.6340

Background



This preview shows how black text looks on a background with the YIQ color 177.7430, 17.9220, 27.6340.



This preview shows how white text looks on a background with the YIQ color 177.7430, 17.9220,

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

177.7430, 17.9220, 27.6340

Protanopia

174.3250, -19.4880, 11.7760

Deuteranopia

174.8550, -6.4210, 11.7470



Tritanopia

176.4210, 24.1600, 13.6960

Trichromacy



Original Color

177.7430, 17.9220, 27.6340

Protanomaly

175.7290, -5.8260, 17.4860

Deuteranomaly

175.9210, 2.3810, 17.4290

Tritanomaly

176.9140, 21.4540, 18.6860

Monochromacy



Original Color

177.7430, 17.9220, 27.6340

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.0320, 6.1420, 9.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.7430, 17.9220, 27.6340 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(212, 155, 205)` looks like.

```
.text, #text, p{  
    color:rgb(212, 155, 205)  
}
```

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(212, 155, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 155, 205) }
```

Border

The CSS property to change the border of an element to YIQ 177.7430, 17.9220, 27.6340 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(212, 155, 205) }
```


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

```
.border{ border-color:rgb(212, 155, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 155, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 155, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 155, 205);  
box-shadow:4px 4px 4px 4px rgb(212, 155,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 177.7430, 17.9220, 27.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 155, 205) }
```

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

```
.background{ background-color: rgb(212,  
155, 205) }
```

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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