

Converting Colors

YIQ(177.5490, 21.2240, 22.8560)

Have a look what the booklet for
YIQ(177.5490, 21.2240, 22.8560)
contains.

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Color

**YIQ(177.5490, 21.2240,
22.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	D49DC1
RGB	212, 157, 193
RGB Percent	83%, 62%, 76%
CMY	0.1685, 0.3844, 0.2431
CMYK	0.00, 0.26, 0.09, 0.17
HSL	321°, 39%, 72%
HSV	321°, 26%, 83%
XYZ	48.8430, 41.9599, 55.9852
YIQ	177.5490, 21.2240, 22.8560

Conversions

Conversions Part 2

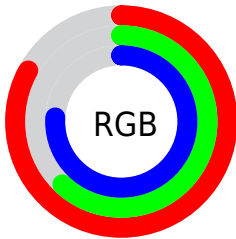
Format	Color
R_{YB}	212, 157, 193
Decimal	13934017
CIE Lab	70.84, 26.17, -10.50
CIE LCh	71, 28.192, 338.141
Yxy	41.9599, 0.3327, 0.2859
Android (android.graphics.Color)	4292124097 (0xFFD49DC1)
YUV	177.5490, 7.6173, 30.2135
Hunter-Lab	64.7765, 21.2343, -5.8999

Details

The YIQ color **177.5490, 21.2240, 22.8560** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **191.4510, -21.2240, -22.8560**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0750, 13.7510, 20.6230**, and **124.4240, 20.0780, 21.5980** is the 20% darker color. If you saturate the color by 10%, you get **164.4240, 29.2460, 31.6620**, and if you desaturate by 10%, it is **190.6740, 13.2020, 14.0500**.

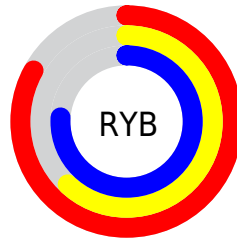
Distribution



Red (83%)

Green (62%)

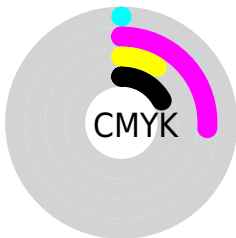
Blue (76%)



Red (83%)

Yellow (62%)

Blue (76%)

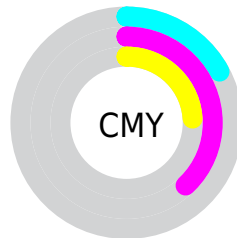


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (17%)



Cyan (17%)


Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.5490, 21.2240, 22.8560 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 177.5490, 21.2240, 22.8560 by changing the saturation by 10% instead.


 177.5490, 21.2240,
22.8560


 177.5490, 21.2240,
22.8560


255.0000, -0.0000,
-0.0000


 150.8370, 20.3530,
22.1210


 229.0750, 13.7510,
20.6230


 124.4240, 20.0780,
21.5980

 246.1950, 4.1250,
7.8450

 98.8260, 18.8860,
21.1740

 74.7010, 17.7400,
19.9160

 51.1030, 16.5480,
19.4920

 28.2170, 16.2270,
19.8030

 13.5000, 13.7520,

15.0960

■ 0.0000, 0.0000,
0.0000

■ 177.5490, 21.2240,
22.8560

■ 177.5490, 21.2240,
22.8560

■ 164.4240, 29.2460,
31.6620

■ 190.6740, 13.2020,
14.0500

■ 151.1850, 37.5890,
40.1570

■ 203.9130, 4.8590,
5.5550

■ 137.4730, 45.8860,
49.4860

■ 217.6250, -3.4380,
-3.7740

■ 124.3480, 53.9080,
58.2920

■ 230.7500,
-11.4600, -12.5800

■ 111.1090, 62.2510,
66.7870

■ 239.2930,
-17.6030, -16.8910

■ 97.9840, 70.2730,
75.5930

■ 240.0910,
-19.8500, -14.7140

■ 84.8590, 78.2950,
84.3990

■ 240.8890,
-22.0970, -12.5370

■ 79.2340, 81.7330,
88.1730

■ 241.8010,
-24.6650, -10.0490

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



176.2780, -2.9380, 20.2140



177.5490, 21.2240, 22.8560



176.4120, 37.5470, 18.8830

Triad

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



177.5490, 21.2240, 22.8560



171.3610, 23.2480, -13.8400



160.8430, -60.0140, -13.6940

Complementary

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



177.5490, 21.2240, 22.8560



191.4510, -21.2240, -22.8560

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.



161.3740, -48.6880, -20.7200



177.5490, 21.2240, 22.8560



167.9390, 0.8290, -20.5390

Square

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



177.5490, 21.2240, 22.8560



173.4110, 38.1470, -3.0130



164.5970, -24.5710, -22.7710



165.7120, -51.8550, -1.8630

Rectangle

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



177.5490, 21.2240, 22.8560



175.9470, 43.0500, 12.7620



164.5970, -24.5710, -22.7710



160.3330, -58.6380, -16.6060

Sweetspot

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



177.5490, 21.2240, 22.8560



242.4620, 7.7470, 8.2830



168.6520, -6.9270, 20.9210



119.7990, 5.1800, 5.2440



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.



177.5490, 21.2240, 22.8560



205.5490, 30.3920, 32.9200



174.4710, 29.8910, 14.4590



100.0870, 4.3090, 4.5090



63.8970, 65.9640, 71.0840



16.0490, 16.6400, 17.8240

Inverse Universe

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



177.5490, 21.2240, 22.8560



205.5490, 30.3920, 32.9200



194.5290, -29.8910, -14.4590



100.0870, 4.3090, 4.5090



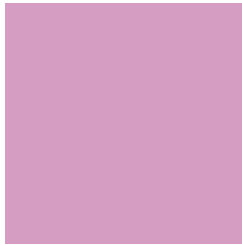
63.8970, 65.9640, 71.0840



16.0490, 16.6400, 17.8240

Previews

White Background



This preview shows how the YIQ color 177.5490, 21.2240, 22.8560 looks on a white background.

Color Contrast Check

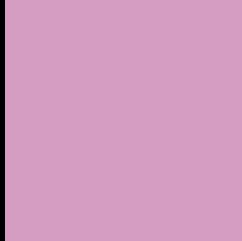
Large Text (above 18pt) WCAG AA × Fail

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 177.5490, 21.2240, 22.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

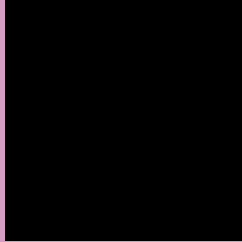
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.5490, 21.2240, 22.8560

Background



This preview shows how black text looks on a background with the YIQ color 177.5490, 21.2240, 22.8560.



This preview shows how white text looks on a background with the YIQ color 177.5490, 21.2240,

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

177.5490, 21.2240, 22.8560

Protanopia

174.3380, -12.3350, 8.7930

Deuteranopia

175.6940, 1.2820, 9.8100



Tritanopia

176.7200, 24.7560, 13.9080

Trichromacy



Original Color

177.5490, 21.2240, 22.8560

Protanomaly

175.7310, -0.1400, 13.5560

Deuteranomaly

176.7490, 8.6170, 14.5450

Tritanomaly

177.2300, 23.3800, 16.8200

Monochromacy



Original Color

177.5490, 21.2240, 22.8560

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.4620, 7.7470, 8.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.5490, 21.2240, 22.8560 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, 157, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 157, 193)  
}
```

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, 157, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 157, 193) }
```

Border

The CSS property to change the border of an element to YIQ 177.5490, 21.2240, 22.8560 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, 157, 193) }
```


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

```
.border{ border-color:rgb(212, 157, 193) }
```

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

Here you see how a box with a 4 pixel rgb(212, 157, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 157, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 157, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 157,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 177.5490, 21.2240, 22.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 157, 193) }
```

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

```
.background{ background-color: rgb(212,  
157, 193) }
```

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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