

Converting Colors

YIQ(169.1620, 27.2280, 35.1960)

Have a look what the booklet for
YIQ(169.1620, 27.2280, 35.1960)
contains.

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Color

**YIQ(169.1620, 27.2280,
35.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	D98BC7
RGB	217, 139, 199
RGB Percent	85%, 55%, 78%
CMY	0.1488, 0.4550, 0.2195
CMYK	0.00, 0.36, 0.08, 0.15
HSL	314°, 51%, 70%
HSV	314°, 36%, 85%
XYZ	48.1707, 37.3405, 58.7109
YIQ	169.1620, 27.2280, 35.1960

Conversions

Conversions Part 2

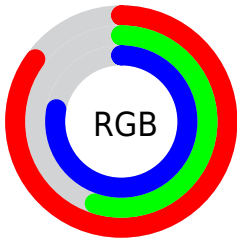
Format	Color
R _Y B	217, 139, 199
Decimal	14257095
CIE Lab	67.53, 38.59, -18.77
CIE LCh	68, 42.914, 334.069
Yxy	37.3405, 0.3340, 0.2589
Android (android.graphics.Color)	4292447175 (0xFFD98BC7)
YUV	169.1620, 14.7101, 41.9539
Hunter-Lab	61.1068, 33.7751, -14.1905

Details

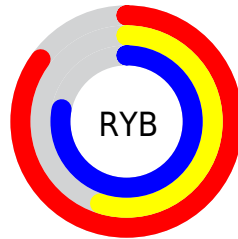
The YIQ color $169.1620, 27.2280, 35.1960$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $186.8380, -27.2280, -35.1960$, and the grayscale version is $169.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $219.1930, 16.7750, 31.9030$, and $115.7380, 25.4860, 33.7260$ is the 20% darker color. If you saturate the color by 10%, you get $155.6780, 34.8830, 45.1470$, and if you desaturate by 10%, it is $182.6460, 19.5730, 25.2450$.

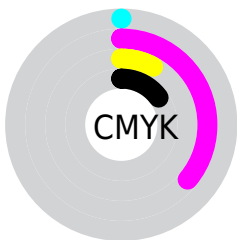
Distribution



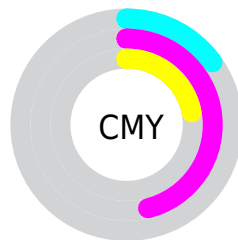
- Red (85%)
- Green (55%)
- Blue (78%)



- Red (85%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (36%)
- Yellow (8%)
- Black (15%)





- Cyan (15%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.1620, 27.2280, 35.1960 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 169.1620, 27.2280, 35.1960 by changing the saturation by 10% instead.

 169.1620, 27.2280,
35.1960

 169.1620, 27.2280,
35.1960


255.0000, -0.0000,
-0.0000


 142.4500, 26.3570,
34.4610


 219.1930, 16.7750,
31.9030


 115.7380, 25.4860,
33.7260


 235.6290, 9.0750,
17.2590

 90.0260, 24.6150,
32.9910

 252.6520, 1.1000,
2.0920

 64.4280, 23.4230,
32.5670

 37.8950, 23.6060,
34.7580

 22.5150, 18.5640,
27.0120

 13.5430, 12.1930,

15.8170

■ 0.0000, 0.0000,
0.0000

■ 169.1620, 27.2280,
35.1960

■ 169.1620, 27.2280,
35.1960

■ 155.6780, 34.8830,
45.1470

■ 182.6460, 19.5730,
25.2450

■ 142.7810, 42.2630,
54.5750

■ 195.5430, 12.1930,
15.8170

■ 129.2970, 49.9180,
64.5260

■ 209.0270, 4.5380,
5.8660

■ 115.8130, 57.5730,
74.4770

■ 222.5110, -3.1170,
-4.0850

■ 102.3290, 65.2280,
84.4280

■ 235.9950,
-10.7720, -14.0360

■ 89.4320, 72.6080,
93.8560

■ 240.6740,
-14.3020, -16.1420

■ 83.9210, 75.7250,
97.9410

■ 241.2440,
-15.9070, -14.5870

■ 241.8140,
-17.5120, -13.0320

■ 242.3840,
-19.1170, -11.4770

Harmonies

Analogous

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



167.6550, -11.0090, 28.8230



169.1620, 27.2280, 35.1960



167.2880, 52.9960, 30.7560

Triad

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



169.1620, 27.2280, 35.1960



161.0880, 36.9580, -20.0180



131.0190, -116.7720, -31.3320

Complementary

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



169.1620, 27.2280, 35.1960



186.8380, -27.2280, -35.1960

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.



127.8610, -105.1240, -44.1960



169.1620, 27.2280, 35.1960



156.7680, 5.3240, -30.4200

Square

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



169.1620, 27.2280, 35.1960



163.4640, 56.9910, -3.1130



149.6460, -35.4350, -35.1390



130.4610, -123.4680, -20.1080

Rectangle

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



169.1620, 27.2280, 35.1960



165.7970, 61.3880, 21.8360



149.6460, -35.4350, -35.1390



130.2380, -113.1950, -35.5870

Sweetspot

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



169.1620, 27.2280, 35.1960



237.8800, 9.6260, 12.7780



152.9750, -14.9060, 27.8620



117.5650, 5.9590, 7.6470



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.



169.1620, 27.2280, 35.1960



187.5800, 38.2750, 49.7550



164.8300, 39.4260, 23.3780



103.2010, 3.9880, 4.8200



66.8890, 60.4150, 78.0390



17.7440, 16.1810, 20.6370

Inverse Universe

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



169.1620, 27.2280, 35.1960



187.5800, 38.2750, 49.7550



191.1700, -39.4260, -23.3780



103.2010, 3.9880, 4.8200



66.8890, 60.4150, 78.0390



17.7440, 16.1810, 20.6370

Previews

White Background



This preview shows how the YIQ color 169.1620, 27.2280, 35.1960 looks on a white background.

Color Contrast Check

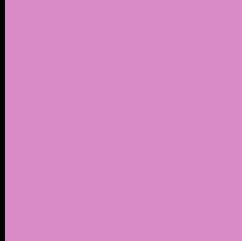
Large Text (above 18pt) WCAG AA × Fail

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 169.1620, 27.2280, 35.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

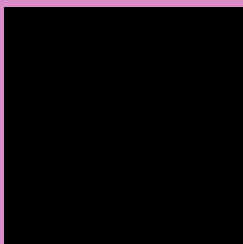
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.1620, 27.2280, 35.1960

Background



This preview shows how black text looks on a background with the YIQ color 169.1620, 27.2280, 35.1960.



This preview shows how white text looks on a background with the YIQ color 169.1620, 27.2280,

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

169.1620, 27.2280, 35.1960

Protanopia

165.4540, -24.1650, 13.9390

Deuteranopia

166.3710, -7.9340, 11.6340



Tritanopia

167.6890, 35.2090, 17.2010

Trichromacy



Original Color

169.1620, 27.2280, 35.1960



Protanomaly

166.6630, -5.4600, 21.8680



Deuteranomaly

167.4700, 5.2690, 20.1570



Tritanomaly

168.2360, 32.4110, 23.8590

Monochromacy



Original Color

169.1620, 27.2280, 35.1960



Achromatopsia

169.0000, -0.0000, -0.0000



Achromatomaly

168.8800, 9.6260, 12.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.1620, 27.2280, 35.1960 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, 139, 199)` looks like.

```
.text, #text, p{  
    color:rgb(217, 139, 199)  
}
```

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, 139, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 139, 199) }
```

Border

The CSS property to change the border of an element to YIQ 169.1620, 27.2280, 35.1960 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, 139, 199) }
```


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

```
.border{ border-color:rgb(217, 139, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 139, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 139, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 139, 199);  
box-shadow:4px 4px 4px 4px rgb(217, 139,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 169.1620, 27.2280, 35.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 139, 199) }
```

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

```
.background{ background-color: rgb(217,  
139, 199) }
```

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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