

Converting Colors

YIQ(161.2810, 19.3430, 29.4150)

Have a look what the booklet for
YIQ(161.2810, 19.3430, 29.4150)
contains.

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Color

**YIQ(161.2810, 19.3430,
29.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	C689BE
RGB	198, 137, 190
RGB Percent	78%, 54%, 75%
CMY	0.2233, 0.4628, 0.2549
CMYK	0.00, 0.31, 0.04, 0.22
HSL	308°, 35%, 66%
HSV	308°, 31%, 78%
XYZ	41.5380, 33.6141, 53.0193
YIQ	161.2810, 19.3430, 29.4150

Conversions

Conversions Part 2

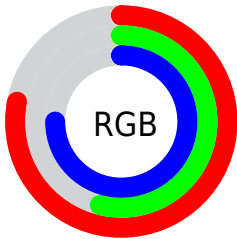
Format	Color
R_{YB}	198, 137, 190
Decimal	13011390
CIE _{Lab}	64.66, 31.79, -18.29
CIE _{LCh}	65, 36.669, 330.089
Yxy	33.6141, 0.3241, 0.2623
Android (android.graphics.Color)	4291201470 (0xFFC689BE)
YUV	161.2810, 14.1585, 32.2026
Hunter-Lab	57.9777, 26.4250, -13.6350

Details

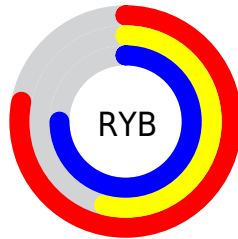
The YIQ color $161.2810, 19.3430, 29.4150$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $173.7190, -19.3430, -29.4150$, and the grayscale version is $161.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $216.4060, 20.4890, 30.6730$, and $108.8570, 17.6010, 27.9450$ is the 20% darker color. If you saturate the color by 10%, you get $149.1990, 25.8060, 38.9420$, and if you desaturate by 10%, it is $173.3630, 12.8800, 19.8880$.

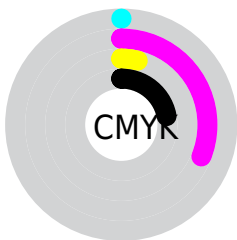
Distribution



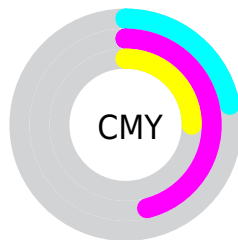
- Red (78%)
- Green (54%)
- Blue (75%)



- Red (78%)
- Yellow (54%)
- Blue (75%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.2810, 19.3430, 29.4150 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 161.2810, 19.3430, 29.4150 by changing the saturation by 10% instead.

161.2810, 19.3430,
29.4150

161.2810, 19.3430,
29.4150

255.0000, -0.0000,
-0.0000

134.5690, 18.4720,
28.6800

216.4060, 20.4890,
30.6730

108.8570, 17.6010,
27.9450

233.8680, 9.9000,
18.8280

84.0310, 17.0510,
26.8990

250.8910, 1.9250,
3.6610

59.4330, 15.8590,
26.4750

34.8460, 16.1340,
26.9980

17.8300, 13.0630,
22.0790

5.8680, 0.7320,

8.7640

■ 0.0000, 0.0000,
0.0000

■ 161.2810, 19.3430,
29.4150

■ 161.2810, 19.3430,
29.4150

■ 149.1990, 25.8060,
38.9420

■ 173.3630, 12.8800,
19.8880

■ 137.2310, 31.9480,
48.7800

■ 185.3310, 6.7380,
10.0500

■ 125.7360, 38.1360,
57.7840

■ 196.8260, 0.5500,
1.0460

■ 113.7680, 44.2780,
67.6220

■ 208.7940, -5.5920,
-8.7920

■ 101.6860, 50.7410,
77.1490

■ 220.8760,
-12.0550, -18.3190

89.6040, 57.2040,
86.6760

232.3710,
-18.2430, -27.3230

78.8100, 62.7960,
95.4680

232.5990,
-18.8850, -26.7010

232.9410,
-19.8480, -25.7680

233.1690,
-20.4900, -25.1460

Harmonies

Analogous

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



158.9980, -13.7130, 22.7590



161.2810, 19.3430, 29.4150



160.0910, 43.1850, 26.8410

Triad

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



161.2810, 19.3430, 29.4150



154.5810, 34.2520, -15.0280



123.0970, -108.2440, -31.7000

Complementary

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



161.2810, 19.3430, 29.4150



173.7190, -19.3430, -29.4150

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.



137.2640, -63.3580, -30.1900



161.2810, 19.3430, 29.4150



151.1970, 8.6700, -24.9780

Square

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



161.2810, 19.3430, 29.4150



156.4510, 49.8380, -0.1300



145.7940, -23.9280, -28.9200



136.6410, -88.6240, -12.8160

Rectangle

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



161.2810, 19.3430, 29.4150



159.0670, 51.7600, 20.1120



145.7940, -23.9280, -28.9200



126.0180, -97.8360, -33.1000

Sweetspot

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



161.2810, 19.3430, 29.4150



241.1570, 7.2880, 11.0960



146.0470, -15.4090, 20.4550



118.9670, 4.7670, 7.2230



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.



161.2810, 19.3430, 29.4150



198.4540, 29.7020, 45.4300



157.8610, 28.9730, 20.0850



93.6030, 2.7960, 4.3960



64.9250, 51.5660, 78.7180



14.2980, 11.5050, 17.2730

Inverse Universe

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



161.2810, 19.3430, 29.4150



198.4540, 29.7020, 45.4300



177.1390, -28.9730, -20.0850



93.6030, 2.7960, 4.3960



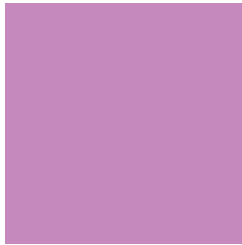
64.9250, 51.5660, 78.7180



14.2980, 11.5050, 17.2730

Previews

White Background



This preview shows how the YIQ color 161.2810, 19.3430, 29.4150 looks on a white background.

Color Contrast Check

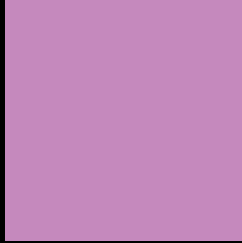
Large Text (above 18pt) WCAG AA × Fail

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 161.2810, 19.3430, 29.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

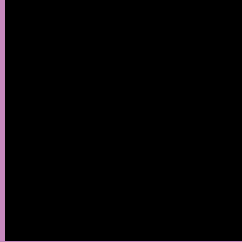
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.2810, 19.3430, 29.4150

Background



This preview shows how black text looks on a background with the YIQ color 161.2810, 19.3430, 29.4150.



This preview shows how white text looks on a background with the YIQ color 161.2810, 19.3430,

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

161.2810, 19.3430, 29.4150

Protanopia

157.4820, -21.3680, 12.8080

Deuteranopia

158.9580, -8.2090, 11.1110



Tritanopia

159.9050, 25.6730, 13.8090

Trichromacy



Original Color

161.2810, 19.3430, 29.4150

Protanomaly

158.4840, -6.5140, 18.9420

Deuteranomaly

160.0350, 2.0600, 17.7400

Tritanomaly

160.2240, 23.5170, 19.8450

Monochromacy



Original Color

161.2810, 19.3430, 29.4150

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.8580, 6.6920, 10.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.2810, 19.3430, 29.4150 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(198, 137, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 137, 190)  
}
```

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(198, 137, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 137, 190) }
```

Border

The CSS property to change the border of an element to YIQ 161.2810, 19.3430, 29.4150 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(198, 137, 190) }
```


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

```
.border{ border-color:rgb(198, 137, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 137, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 137, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 137, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 137,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 161.2810, 19.3430, 29.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 137, 190) }
```

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

```
.background{ background-color: rgb(198,  
137, 190) }
```

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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