

Converting Colors

YIQ(181.0580, 3.2530, 12.6370)

Have a look what the booklet for
YIQ(181.0580, 3.2530, 12.6370)
contains.

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Color

**YIQ(181.0580, 3.2530,
12.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ACC7
RGB	192, 172, 199
RGB Percent	75%, 67%, 78%
CMY	0.2470, 0.3255, 0.2196
CMYK	0.04, 0.14, 0.00, 0.22
HSL	284°, 19%, 73%
HSV	284°, 14%, 78%
XYZ	46.8019, 44.8339, 60.2187
YIQ	181.0580, 3.2530, 12.6370

Conversions

Conversions Part 2

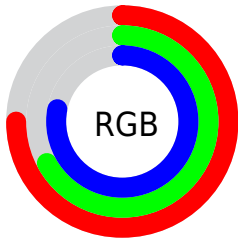
Format	Color
R _Y B	192, 172, 199
Decimal	12627143
CIE Lab	72.78, 12.15, -11.09
CIE LCh	73, 16.452, 317.597
Yxy	44.8339, 0.3082, 0.2952
Android (android.graphics.Color)	4290817223 (0xFFC0ACC7)
YUV	181.0580, 8.8454, 9.5961
Hunter-Lab	66.9581, 7.5899, -6.4517

Details

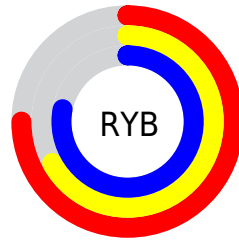
The YIQ color $181.0580, 3.2530, 12.6370$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.9420, -3.2530, -12.6370$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.4710, 3.5280, 13.1600$, and $128.2320, 2.7030, 11.5910$ is the 20% darker color. If you saturate the color by 10%, you get $167.8230, 5.7730, 22.0370$, and if you desaturate by 10%, it is $194.2930, 0.7330, 3.2370$.

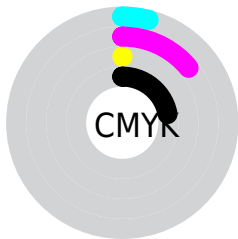
Distribution



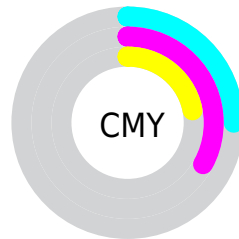
- Red (75%)
- Green (67%)
- Blue (78%)



- Red (75%)
- Yellow (67%)
- Blue (78%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.0580, 3.2530, 12.6370 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 181.0580, 3.2530, 12.6370 by changing the saturation by 10% instead.

■ 181.0580, 3.2530,
12.6370

■ 181.0580, 3.2530,
12.6370

255.0000, -0.0000,
-0.0000

■ 154.0580, 3.2530,
12.6370

■ 236.7700, 4.1240,
13.3720

■ 128.2320, 2.7030,
11.5910

■ 103.1180, 3.0240,
11.2800

■ 78.8190, 2.4280,
11.0680

■ 56.2920, 2.4740,
10.2340

■ 34.5800, 1.6030,
9.4990

■ 11.2430, 4.1700,

12.5380

■ 0.0000, 0.0000,
0.0000

■ 181.0580, 3.2530,
12.6370

■ 181.0580, 3.2530,
12.6370

■ 167.8230, 5.7730,
22.0370

■ 194.2930, 0.7330,
3.2370

■ 154.5880, 8.2930,
31.4370

■ 207.5280, -1.7870,
-6.1630

■ 141.3530, 10.8130,
40.8370

■ 220.7630, -4.3070,
-15.5630

■ 127.8190, 12.7370,
50.0250

■ 234.2970, -6.2310,
-24.7510

■ 114.5840, 15.2570,
59.4250

■ 237.5530, -4.0760,
-25.2600

■ 101.9360, 17.5020,
68.3020

■ 239.0480, -1.0960,
-24.2000

■ 88.7010, 20.0220,
77.7020

■ 240.5430, 1.8840,
-23.1400

■ 75.4660, 22.5420,
87.1020

■ 242.0380, 4.8640,
-22.0800

■ 66.9380, 24.3290,
93.2650

■ 243.5330, 7.8440,
-21.0200

Harmonies

Analogous

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



179.2240, -12.0140, 8.4820



181.0580, 3.2530, 12.6370



181.5880, 16.3200, 12.6080

Triad

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



181.0580, 3.2530, 12.6370



178.7280, 21.1370, -3.1110



172.9470, -28.0120, -9.9640

Complementary

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



181.0580, 3.2530, 12.6370



189.9420, -3.2530, -12.6370

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.



173.6290, -18.4290, -12.9330



181.0580, 3.2530, 12.6370



176.8790, 10.2260, -9.1180

Square

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



181.0580, 3.2530, 12.6370



180.1680, 25.9500, 3.2780



175.6430, -3.8490, -12.8490



174.4400, -30.7180, -4.9740

Rectangle

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



181.0580, 3.2530, 12.6370



181.3560, 22.7850, 11.0810



175.6430, -3.8490, -12.8490



172.9750, -25.2150, -11.0950

Sweetspot

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



181.0580, 3.2530, 12.6370



248.2330, 0.9620, 4.5940



179.1870, -10.5920, 4.7360



123.2930, 0.7330, 3.2370



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.



181.0580, 3.2530, 12.6370



227.6440, 4.7190, 19.1110



182.4670, 9.3510, 12.2550



93.1190, 1.2830, 4.2830



54.7610, 19.7930, 76.3450



11.8780, 3.9400, 16.7080

Inverse Universe

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



180.8710, 13.8450, 7.9010



227.5130, 20.9050, 12.1130



188.5330, -9.3510, -12.2550



92.9190, 4.7220, 2.5300



53.5250, 83.6660, 47.6180



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 181.0580, 3.2530, 12.6370 looks on a white background.

Color Contrast Check

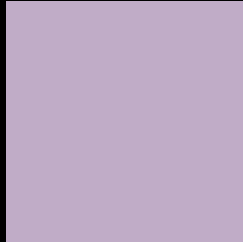
Large Text (above 18pt) WCAG AA × Fail

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 181.0580, 3.2530, 12.6370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

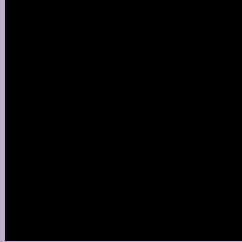
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.0580, 3.2530, 12.6370

Background



This preview shows how black text looks on a background with the YIQ color 181.0580, 3.2530, 12.6370.



This preview shows how white text looks on a background with the YIQ color 181.0580, 3.2530,

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

181.0580, 3.2530, 12.6370

Protanopia

179.2520, -9.2170, 7.3510

Deuteranopia

180.7370, -0.2770, 10.5310



Tritanopia

180.3800, 5.0420, 7.7460

Trichromacy



Original Color

181.0580, 3.2530, 12.6370

Protanomaly

179.7580, -4.7700, 9.3580

Deuteranomaly

180.7480, 1.1900, 11.4780

Tritanomaly

180.5480, 4.6290, 9.7250

Monochromacy



Original Color

181.0580, 3.2530, 12.6370

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.2330, 0.9620, 4.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.0580, 3.2530, 12.6370 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(192, 172, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 172, 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(192, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 172, 199) }
```

Border

The CSS property to change the border of an element to YIQ 181.0580, 3.2530, 12.6370 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(192, 172, 199) }
```


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

```
.border{ border-color:rgb(192, 172, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 172, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(192, 172,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 181.0580, 3.2530, 12.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 172, 199) }
```

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

```
.background{ background-color: rgb(192,  
172, 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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