

Converting Colors

YIQ(184.7660, -7.2480, 21.2320)

Have a look what the booklet for
YIQ(184.7660, -7.2480, 21.2320)
contains.

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Color

**YIQ(184.7660, -7.2480,
21.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	BFADE5
RGB	191, 173, 229
RGB Percent	75%, 68%, 90%
CMY	0.2509, 0.3216, 0.1020
CMYK	0.17, 0.24, 0.00, 0.10
HSL	259°, 52%, 79%
HSV	259°, 24%, 90%
XYZ	50.5733, 46.6193, 80.4482
YIQ	184.7660, -7.2480, 21.2320

Conversions

Conversions Part 2

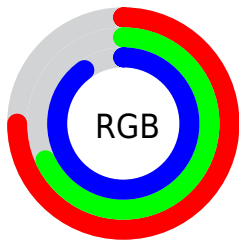
Format	Color
R _Y B	191, 173, 229
Decimal	12561893
CIE Lab	73.95, 17.47, -25.73
CIE LCh	74, 31.098, 304.173
Yxy	46.6193, 0.2847, 0.2624
Android (android.graphics.Color)	4290751973 (0xFFBFADE5)
YUV	184.7660, 21.8074, 5.4672
Hunter-Lab	68.2784, 12.7265, -22.0629

Details

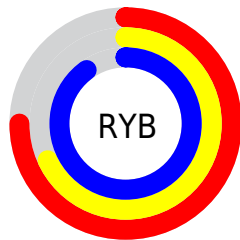
The YIQ color $184.7660, -7.2480, 21.2320$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $217.2340, 7.2480, -21.2320$, and the grayscale version is $185.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.0580, 3.2530, 12.6370$, and $131.7120, -7.1560, 19.5640$ is the 20% darker color. If you saturate the color by 10%, you get $166.4810, -10.4590, 29.8690$, and if you desaturate by 10%, it is $203.0510, -4.0370, 12.5950$.

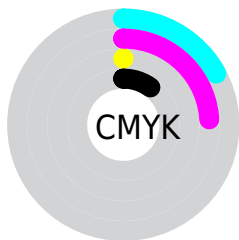
Distribution



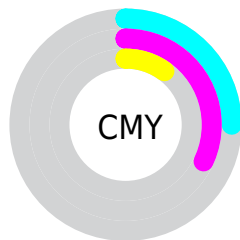
- Red (75%)
- Green (68%)
- Blue (90%)



- Red (75%)
- Yellow (68%)
- Blue (90%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)



- Cyan (25%)
- Magenta (32%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.7660, -7.2480, 21.2320 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 184.7660, -7.2480, 21.2320 by changing the saturation by 10% instead.

■ 184.7660, -7.2480,
21.2320

■ 184.7660, -7.2480,
21.2320

255.0000, -0.0000,
-0.0000

■ 157.6520, -6.9270,
20.9210

■ 237.0580, 3.2530,
12.6370

■ 131.7120, -7.1560,
19.5640

■ 106.2990, -7.4310,
19.0410

■ 81.7720, -7.3850,
18.2070

■ 58.2450, -7.3390,
17.3730

■ 36.0060, -8.1640,
15.8040

■ 13.0170, -6.6970,

16.7510

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 184.7660, -7.2480,
21.2320

■ 184.7660, -7.2480,
21.2320

■ 166.4810,
-10.4590, 29.8690

■ 203.0510, -4.0370,
12.5950

■ 148.4950,
-13.0740, 38.7180

■ 221.0370, -1.4220,
3.7460

■ 130.2100,
-16.2850, 47.3550

■ 239.3220, 1.7890,
-4.8910

■ 112.2240,
-18.9000, 56.2040

■ 251.4380, 7.1540,
-8.5100

■ 94.5260, -22.3860,
64.3180

■ 252.0360, 8.3460,
-8.0860

■ 76.5400, -25.0010,
73.1670

■ 58.2550, -28.2120,
81.8040

■ 48.2320, -29.4050,
86.9070

Harmonies

Analogous

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



179.7020, -36.7270, 10.3210



184.7660, -7.2480, 21.2320



186.2440, 20.7650, 25.6690

Triad

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



184.7660, -7.2480, 21.2320



182.5750, 43.5570, -1.9390



168.4120, -51.8510, -23.9710

Complementary

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



184.7660, -7.2480, 21.2320



217.2340, 7.2480, -21.2320

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.



172.3150, -23.8370, -25.0610



184.7660, -7.2480, 21.2320



179.6990, 28.1080, -13.8120

Square

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



184.7660, -7.2480, 21.2320



183.7580, 47.9560, 11.9560



176.7390, 4.2680, -22.2920



166.2440, -68.6330, -17.1850

Rectangle

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



184.7660, -7.2480, 21.2320



186.0190, 34.5200, 24.1840



176.7390, 4.2680, -22.2920



169.3760, -43.0020, -24.6500

Sweetspot

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



184.7660, -7.2480, 21.2320



240.8460, -2.2020, 6.8700



201.6900, -28.4260, -2.4580



119.4500, -1.1470, 4.2690



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.



184.7660, -7.2480, 21.2320



196.6120, -9.4500, 28.1020



193.1380, 9.4400, 27.1680



105.5640, -1.4680, 4.5800



37.4490, -23.4870, 67.7530



10.5980, -6.8350, 19.2530

Inverse Universe

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



194.0760, 21.1780, 23.6900



208.8260, 28.0540, 31.2380



208.8620, -9.4400, -27.1680



107.5000, 4.5840, 5.0320



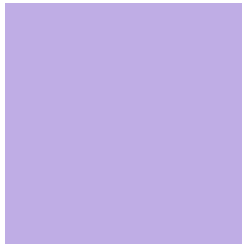
67.3150, 67.8430, 75.5790



19.2390, 19.1610, 21.6970

Previews

White Background



This preview shows how the YIQ color 184.7660, -7.2480, 21.2320 looks on a white background.

Color Contrast Check

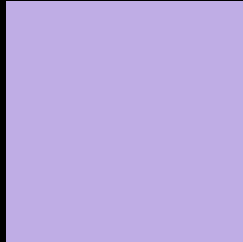
Large Text (above 18pt) WCAG AA × Fail

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 184.7660, -7.2480, 21.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

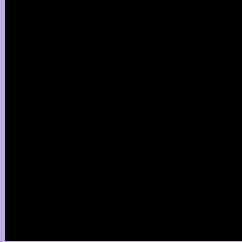
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.7660, -7.2480, 21.2320

Background



This preview shows how black text looks on a background with the YIQ color 184.7660, -7.2480, 21.2320.



This preview shows how white text looks on a background with the YIQ color 184.7660, -7.2480,

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

184.7660, -7.2480, 21.2320

Protanopia

182.5680, -24.4860, 14.2500

Deuteranopia

183.1020, -17.2420, 15.1260



Tritanopia

182.5040, -1.2390, 5.9370

Trichromacy



Original Color

184.7660, -7.2480, 21.2320

Protanomaly

182.9710, -18.2510, 16.8930

Deuteranomaly

183.4230, -13.7120, 17.2320

Tritanomaly

183.4100, -3.6700, 11.4500

Monochromacy



Original Color

184.7660, -7.2480, 21.2320

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0740, -2.8440, 7.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.7660, -7.2480, 21.2320 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(191, 173, 229)` looks like.

```
.text, #text, p{  
    color:rgb(191, 173, 229)  
}
```

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(191, 173, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 173, 229) }
```

Border

The CSS property to change the border of an element to YIQ 184.7660, -7.2480, 21.2320 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(191, 173, 229) }
```


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

```
.border{ border-color:rgb(191, 173, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 173, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 173, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 173, 229);  
box-shadow:4px 4px 4px 4px rgb(191, 173,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 184.7660, -7.2480, 21.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 173, 229) }
```

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

```
.background{ background-color: rgb(191,  
173, 229) }
```

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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