

Converting Colors

YIQ(186.2380, -23.7970, 7.2670)

Have a look what the booklet for
YIQ(186.2380, -23.7970, 7.2670)
contains.

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Color

**YIQ(186.2380, -23.7970,
7.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BCE1
RGB	168, 188, 225
RGB Percent	66%, 74%, 88%
CMY	0.3412, 0.2627, 0.1178
CMYK	0.25, 0.16, 0.00, 0.12
HSL	219°, 49%, 77%
HSV	219°, 25%, 88%
XYZ	47.7185, 49.7287, 78.2953
YIQ	186.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

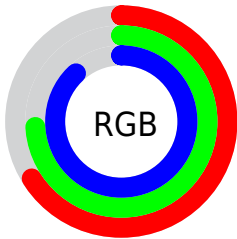
Format	Color
R_{YB}	168, 183, 225
Decimal	11058401
CIE Lab	75.90, 1.26, -20.73
CIE LCh	76, 20.765, 273.481
Yxy	49.7287, 0.2715, 0.2830
Android (android.graphics.Color)	4289248481 (0xFFA8BCE1)
YUV	186.2380, 19.1097, -15.9947
Hunter-Lab	70.5186, -2.6203, -16.4654

Details

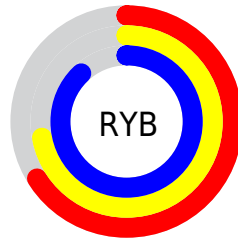
The YIQ color $186.2380, -23.7970, 7.2670$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $206.7620, 23.7970, -7.2670$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.2740, -15.4510, -0.8190$, and $133.0100, -23.1550, 6.6450$ is the 20% darker color. If you saturate the color by 10%, you get $170.5560, -33.3800, 10.2360$, and if you desaturate by 10%, it is $201.6210, -14.8100, 4.0860$.

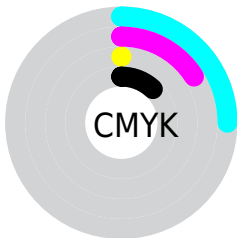
Distribution



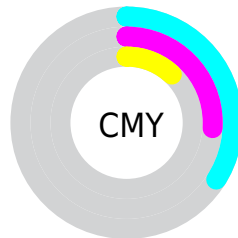
- Red (66%)
- Green (74%)
- Blue (88%)



- Red (66%)
- Yellow (72%)
- Blue (88%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (34%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.2380, -23.7970, 7.2670 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 186.2380, -23.7970, 7.2670 by changing the saturation by 10% instead.

■ 186.2380,
-23.7970, 7.2670

■ 186.2380,
-23.7970, 7.2670

■ 255.0000, -0.0000,
-0.0000

■ 159.1240,
-23.4760, 6.9560

■ 239.2740,
-15.4510, -0.8190

■ 133.0100,
-23.1550, 6.6450

■ 254.4020, -1.1920,
-0.4240

■ 107.4830,
-23.1090, 5.8110

■ 82.3690, -22.7880,
5.5000

■ 58.9560, -23.0630,
4.9770

■ 36.1190, -25.0800,
2.9840

■ 16.9840, -20.2660,

3.8460

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 186.2380,
-23.7970, 7.2670

■ 186.2380,
-23.7970, 7.2670

■ 170.5560,
-33.3800, 10.2360

■ 201.6210,
-14.8100, 4.0860

■ 155.7600,
-42.6420, 12.8940

■ 216.7160, -4.9520,
1.6400

■ 140.3770,
-51.6290, 16.0750

■ 232.0990, 4.0350,
-1.5410

■ 125.2820,
-61.4870, 18.5210

■ 246.2970, 12.1050,
-4.6230

■ 109.8990,
-70.4740, 21.7020

■ 251.5800, 9.6300,
-9.3300

■ 94.2170, -80.0570,
24.6710

■ 79.4210, -89.3190,
27.3290

■ 72.0230, -93.9500,
28.6580

Harmonies

Analogous

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



182.7260, -37.2750, -1.7790



186.2380, -23.7970, 7.2670



188.9200, -5.0460, 14.3620

Triad

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



186.2380, -23.7970, 7.2670



189.3370, 32.9640, 8.3240



181.2610, -14.5770, -16.6650

Complementary

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



186.2380, -23.7970, 7.2670



206.7620, 23.7970, -7.2670

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.



183.5960, 3.5330, -14.4750



186.2380, -23.7970, 7.2670



187.9850, 30.7190, -0.5530

Square

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



186.2380, -23.7970, 7.2670



190.8020, 27.4610, 14.4450



185.9680, 20.2210, -8.5390



179.6320, -31.6790, -15.0950

Rectangle

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



186.2380, -23.7970, 7.2670



190.6180, 7.6080, 16.3120



185.9680, 20.2210, -8.5390



182.1970, -8.5250, -16.2130

Sweetspot

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



186.2380, -23.7970, 7.2670



241.3890, -8.3450, 2.5590



205.5630, -27.2310, -18.6150



118.8300, -5.2730, 1.9510



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.



186.2380, -23.7970, 7.2670



202.9260, -31.5460, 10.0380



176.8900, -13.5290, 19.4230



104.6020, -4.6310, 1.3290



56.4580, -73.5460, 22.3100



15.4510, -20.0830, 6.0370

Inverse Universe

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



187.3230, 27.5520, 18.3040



204.6880, 36.9500, 24.1980



216.1100, 13.5290, -19.4230



104.7450, 5.2720, 3.5760



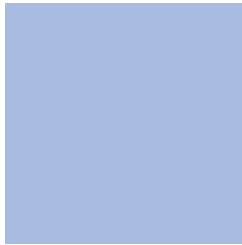
59.6920, 84.9940, 56.5940



16.2900, 23.1510, 15.4630

Previews

White Background



This preview shows how the YIQ color 186.2380, -23.7970, 7.2670 looks on a white background.

Color Contrast Check

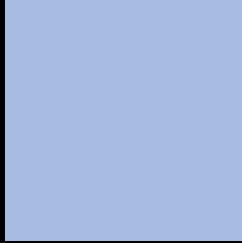
Large Text (above 18pt) WCAG AA × Fail

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 186.2380, -23.7970, 7.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

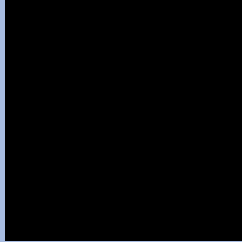
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.2380, -23.7970, 7.2670

Background



This preview shows how black text looks on a background with the YIQ color 186.2380, -23.7970, 7.2670.



This preview shows how white text looks on a background with the YIQ color 186.2380, -23.7970,

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

186.2380, -23.7970, 7.2670

Protanopia

187.5380, -15.7740, 10.5460

Deuteranopia

188.5000, -12.6110, 13.7970



Tritanopia

184.6370, -20.9070, -1.0590

Trichromacy



Original Color

186.2380, -23.7970, 7.2670

Protanomaly

187.0430, -18.7540, 9.4860

Deuteranomaly

187.8800, -16.7370, 11.4790

Tritanomaly

185.1470, -22.2830, 1.8530

Monochromacy



Original Color

186.2380, -23.7970, 7.2670

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.0900, -8.9410, 2.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.2380, -23.7970, 7.2670 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(168, 188, 225)` looks like.

```
.text, #text, p{  
    color:rgb(168, 188, 225)  
}
```

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(168, 188, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 188, 225) }
```

Border

The CSS property to change the border of an element to YIQ 186.2380, -23.7970, 7.2670 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(168, 188, 225) }
```


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

```
.border{ border-color:rgb(168, 188, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 188, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 188, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 188, 225);  
box-shadow:4px 4px 4px 4px rgb(168, 188,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 186.2380, -23.7970, 7.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 188, 225) }
```

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

```
.background{ background-color: rgb(168,  
188, 225) }
```

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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