

Converting Colors

YIQ(185.8310, -24.2090, 3.7190)

Have a look what the booklet for
YIQ(185.8310, -24.2090, 3.7190)
contains.

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Color

**YIQ(185.8310, -24.2090,
3.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BEDB
RGB	165, 190, 219
RGB Percent	65%, 75%, 86%
CMY	0.3530, 0.2548, 0.1413
CMYK	0.25, 0.13, 0.00, 0.14
HSL	212°, 43%, 75%
HSV	212°, 25%, 86%
XYZ	46.7128, 49.9426, 74.1748
YIQ	185.8310, -24.2090, 3.7190

Conversions

Conversions Part 2

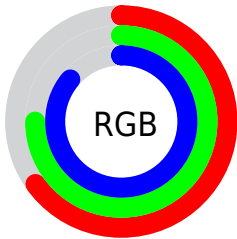
Format	Color
RYB	165, 182, 219
Decimal	10862299
CIELab	76.03, -2.12, -17.30
CIElCh	76, 17.429, 263.022
Yxy	49.9426, 0.2734, 0.2924
Android (android.graphics.Color)	4289052379 (0xFFA5BEDB)
YUV	185.8310, 16.3523, -18.2688
Hunter-Lab	70.6701, -5.6844, -12.7613

Details

The YIQ color **185.8310, -24.2090, 3.7190** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **198.1690, 24.2090, -3.7190**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.5510, -17.7890, -2.5010**, and **132.6030, -23.5670, 3.0970** is the 20% darker color. If you saturate the color by 10%, you get **172.2090, -34.0210, 5.3310**, and if you desaturate by 10%, it is **199.4530, -14.3970, 2.1070**.

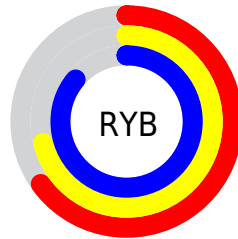
Distribution



Red (65%)

Green (75%)

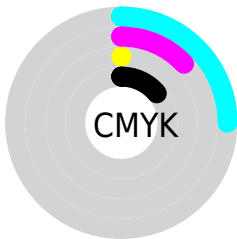
Blue (86%)



Red (65%)

Yellow (71%)

Blue (86%)

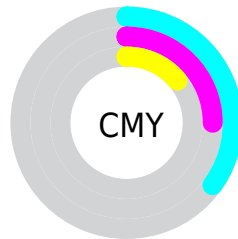


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (14%)



Cyan (35%)

Magenta (25%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.8310, -24.2090, 3.7190 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 185.8310, -24.2090, 3.7190 by changing the saturation by 10% instead.

■ 185.8310,
-24.2090, 3.7190

■ 185.8310,
-24.2090, 3.7190

■ 255.0000, -0.0000,
-0.0000

■ 158.7170,
-23.8880, 3.4080

■ 239.5510,
-17.7890, -2.5010

■ 132.6030,
-23.5670, 3.0970

■ 253.5050, -2.9800,
-1.0600

■ 106.9020,
-22.9710, 3.3090

■ 82.3750, -22.9250,
2.4750

■ 58.9620, -23.2000,
1.9520

■ 35.5380, -24.9420,
0.4820

■ 17.7020, -19.5320,

1.5560

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 185.8310,
-24.2090, 3.7190

■ 185.8310,
-24.2090, 3.7190

■ 172.2090,
-34.0210, 5.3310

■ 199.4530,
-14.3970, 2.1070

■ 159.1740,
-44.1080, 6.4200

■ 213.0750, -4.5850,
0.4950

■ 145.5520,
-53.9200, 8.0320

■ 226.1100, 5.5020,
-0.5940

■ 131.9300,
-63.7320, 9.6440

■ 239.7320, 15.3140,
-2.2060

■ 118.6070,
-72.9480, 11.4680

■ 247.3740, 13.2060,
-8.0580

■ 105.5720,
-83.0350, 12.5570

■ 250.8960, 11.5560,
-11.1960

■ 91.9500, -92.8470,
14.1690

■ 84.8400, -98.3490,
14.7630

Harmonies

Analogous

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



183.0100, -32.3230, -3.4190



185.8310, -24.2090, 3.7190



188.9470, -9.6760, 10.1640

Triad

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



185.8310, -24.2090, 3.7190



190.3410, 27.1410, 9.2290



183.2620, -7.1500, -13.5980

Complementary

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



185.8310, -24.2090, 3.7190



198.1690, 24.2090, -3.7190

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.



185.4550, 8.4840, -10.5880



185.8310, -24.2090, 3.7190



188.7120, 27.2340, 2.0340

Square

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



185.8310, -24.2090, 3.7190



190.9690, 19.6210, 13.3570



187.3750, 20.6330, -4.9910



182.2480, -21.7300, -13.6820

Rectangle

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



185.8310, -24.2090, 3.7190



189.8020, 1.0980, 13.1460



187.3750, 20.6330, -4.9910



184.0130, -2.0150, -13.0470

Sweetspot

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



185.8310, -24.2090, 3.7190



243.7480, -7.9780, 1.4140



200.0040, -24.1590, -19.2230



121.1890, -4.9060, 0.8060



0.0000, 0.0000, 0.0000



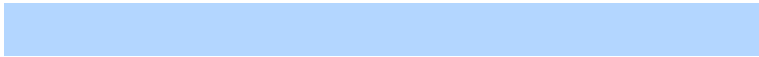
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



185.8310, -24.2090, 3.7190



208.2090, -34.0210, 5.3310



171.7540, -16.1420, 17.2180



103.1890, -4.9060, 0.8060



66.6820, -77.5330, 11.9630



17.5710, -20.5410, 3.3230

Inverse Universe

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



183.9960, 24.1590, 19.2230



205.7140, 34.0610, 26.9970



212.2460, 16.1420, -17.2180



102.8590, 4.9510, 3.8870



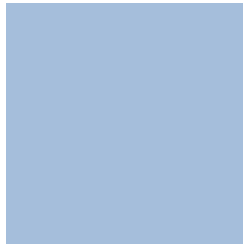
60.8470, 77.4280, 61.5560



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 185.8310, -24.2090, 3.7190 looks on a white background.

Color Contrast Check

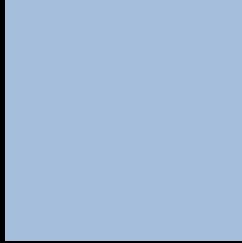
Large Text (above 18pt) WCAG AA × Fail

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 185.8310, -24.2090, 3.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

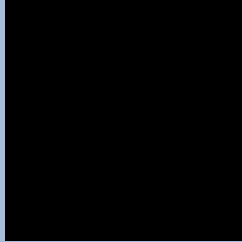
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

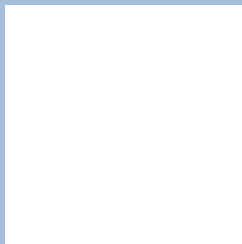
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 185.8310, -24.2090, 3.7190

Background



This preview shows how black text looks on a background with the YIQ color 185.8310, -24.2090, 3.7190.



This preview shows how white text looks on a background with the YIQ color 185.8310, -24.2090,

3.7190.

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

185.8310, -24.2090, 3.7190

Protanopia

188.2240, -12.0140, 8.4820

Deuteranopia

189.0120, -8.3010, 12.7790



Tritanopia

185.0390, -22.0990, -1.4830

Trichromacy



Original Color

185.8310, -24.2090, 3.7190

Protanomaly

187.1310, -16.1860, 6.9980

Deuteranomaly

188.0820, -14.4900, 9.3020

Tritanomaly

185.2070, -22.5120, 0.4960

Monochromacy



Original Color

185.8310, -24.2090, 3.7190

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.5630, -8.8950, 1.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.8310, -24.2090, 3.7190 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(165, 190, 219)` looks like.

```
.text, #text, p{  
    color:rgb(165, 190, 219)  
}
```

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(165, 190, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 190, 219) }
```

Border

The CSS property to change the border of an element to YIQ 185.8310, -24.2090, 3.7190 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(165, 190, 219) }
```


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

```
.border{ border-color:rgb(165, 190, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 190, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 190, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 190, 219);  
box-shadow:4px 4px 4px 4px rgb(165, 190,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 185.8310, -24.2090, 3.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 190, 219) }
```

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

```
.background{ background-color: rgb(165,  
190, 219) }
```

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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