

Converting Colors

YIQ(185.8250, -24.0720, 6.7440)

Have a look what the booklet for
YIQ(185.8250, -24.0720, 6.7440)
contains.

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Color

**YIQ(185.8250, -24.0720,
6.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BCE0
RGB	167, 188, 224
RGB Percent	65%, 74%, 88%
CMY	0.3451, 0.2627, 0.1217
CMYK	0.25, 0.16, 0.00, 0.12
HSL	218°, 48%, 77%
HSV	218°, 25%, 88%
XYZ	47.3703, 49.5651, 77.5690
YIQ	185.8250, -24.0720, 6.7440

Conversions

Conversions Part 2

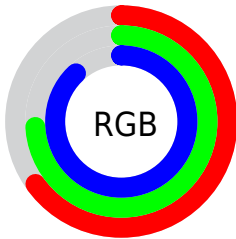
Format	Color
R _Y B	167, 182, 224
Decimal	10992864
CIE Lab	75.80, 0.73, -20.35
CIE LCh	76, 20.358, 272.046
Yxy	49.5651, 0.2715, 0.2840
Android (android.graphics.Color)	4289182944 (0xFFA7BCE0)
YUV	185.8250, 18.8203, -16.5095
Hunter-Lab	70.4025, -3.1007, -16.0436

Details

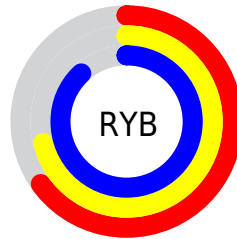
The YIQ color $185.8250, -24.0720, 6.7440$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $205.1750, 24.0720, -6.7440$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $238.9750, -16.0470, -1.0310$, and $132.5970, -23.4300, 6.1220$ is the 20% darker color. If you saturate the color by 10%, you get $171.0290, -33.3340, 9.4020$, and if you desaturate by 10%, it is $200.6210, -14.8100, 4.0860$.

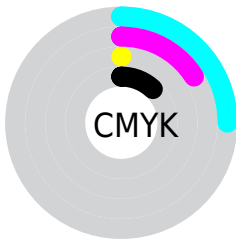
Distribution



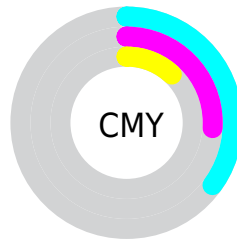
- Red (65%)
- Green (74%)
- Blue (88%)



- Red (65%)
- Yellow (71%)
- Blue (88%)



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



- Cyan (35%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.8250, -24.0720, 6.7440 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 185.8250, -24.0720, 6.7440 by changing the saturation by 10% instead.

■ 185.8250,
-24.0720, 6.7440

■ 185.8250,
-24.0720, 6.7440

■ 255.0000, -0.0000,
-0.0000

■ 158.7110,
-23.7510, 6.4330

■ 238.9750,
-16.0470, -1.0310

■ 132.5970,
-23.4300, 6.1220

■ 254.1030, -1.7880,
-0.6360

■ 107.0700,
-23.3840, 5.2880

■ 82.3690, -22.7880,
5.5000

■ 58.5430, -23.3380,
4.4540

■ 35.7060, -25.3550,
2.4610

■ 16.9840, -20.2660,

3.8460

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 185.8250,
-24.0720, 6.7440

■ 185.8250,
-24.0720, 6.7440

■ 171.0290,
-33.3340, 9.4020

■ 200.6210,
-14.8100, 4.0860

■ 155.9340,
-43.1920, 11.8480

■ 215.7160, -4.9520,
1.6400

■ 141.1380,
-52.4540, 14.5060

■ 230.5120, 4.3100,
-1.0180

■ 125.4560,
-62.0370, 17.4750

■ 245.5960, 12.7010,
-4.4110

■ 110.6600,
-71.2990, 20.1330

■ 251.4660, 9.9510,
-9.6410

■ 95.8640, -80.5610,
22.7910

■ 80.7690, -90.4190,
25.2370

■ 74.2570, -94.7290,
26.2550

Harmonies

Analogous

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



182.4980, -36.6330, -2.4010



185.8250, -24.0720, 6.7440



189.2080, -5.9170, 13.6270

Triad

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



185.8250, -24.0720, 6.7440



189.1520, 32.0470, 8.4230



181.5600, -13.9810, -16.4530

Complementary

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



185.8250, -24.0720, 6.7440



205.1750, 24.0720, -6.7440

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.



183.8950, 4.1290, -14.2630



185.8250, -24.0720, 6.7440



188.0990, 30.3980, -0.2420

Square

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



185.8250, -24.0720, 6.7440



190.3180, 25.9480, 14.3320



185.9680, 20.2210, -8.5390



179.7030, -30.4410, -15.5050

Rectangle

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



185.8250, -24.0720, 6.7440



190.0200, 6.4160, 15.8880



185.9680, 20.2210, -8.5390



182.3820, -7.6080, -16.3120

Sweetspot

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



185.8250, -24.0720, 6.7440



241.3890, -8.3450, 2.5590



204.4490, -26.9100, -18.9260



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.



185.8250, -24.0720, 6.7440



202.0290, -33.3340, 9.4020



175.5910, -14.1250, 19.2110



104.6020, -4.6310, 1.3290



58.2190, -74.3710, 20.7410



16.0380, -20.3580, 5.5140

Inverse Universe

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



186.4370, 27.2310, 18.6150



202.9270, 37.7750, 25.7670



215.4090, 14.1250, -19.2110



104.7450, 5.2720, 3.5760



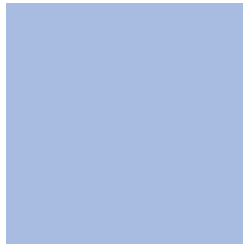
60.0340, 84.0310, 57.5270



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 185.8250, -24.0720, 6.7440 looks on a white background.

Color Contrast Check

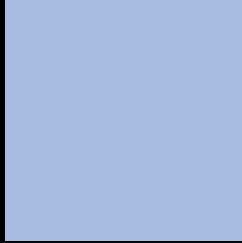
Large Text (above 18pt) WCAG AA × Fail

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 185.8250, -24.0720, 6.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

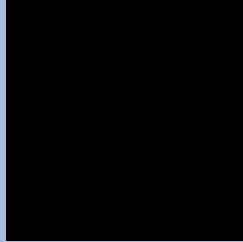
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.8250, -24.0720, 6.7440

Background



This preview shows how black text looks on a background with the YIQ color 185.8250, -24.0720, 6.7440.



This preview shows how white text looks on a background with the YIQ color 185.8250, -24.0720,

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

185.8250, -24.0720, 6.7440

Protanopia

187.4240, -15.4530, 10.2350

Deuteranopia

187.7990, -12.0150, 14.0090



Tritanopia

184.3380, -21.5030, -1.2710

Trichromacy



Original Color

185.8250, -24.0720, 6.7440

Protanomaly

186.9290, -18.4330, 9.1750

Deuteranomaly

186.8800, -16.7370, 11.4790

Tritanomaly

184.8480, -22.8790, 1.6410

Monochromacy



Original Color

185.8250, -24.0720, 6.7440

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 185.8250, -24.0720, 6.7440 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(167, 188, 224)` looks like.

```
.text, #text, p{  
    color:rgb(167, 188, 224)  
}
```

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(167, 188, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 188, 224) }
```

Border

The CSS property to change the border of an element to YIQ 185.8250, -24.0720, 6.7440 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(167, 188, 224) }
```


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

```
.border{ border-color:rgb(167, 188, 224) }
```

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

Here you see how a box with a 4 pixel rgb(167, 188, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 188, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 188, 224);  
box-shadow:4px 4px 4px 4px rgb(167, 188,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 185.8250, -24.0720, 6.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 188, 224) }
```

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

```
.background{ background-color: rgb(167,  
188, 224) }
```

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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