

Converting Colors

YIQ(148.5860, -24.8970, 5.1750)

Have a look what the booklet for
YIQ(148.5860, -24.8970, 5.1750)
contains.

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Color

**YIQ(148.5860, -24.8970,
5.1750)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 8098B9 |
| RGB | 128, 152, 185 |
| RGB Percent | 50%, 60%, 73% |
| CMY | 0.4981, 0.4039, 0.2746 |
| CMYK | 0.31, 0.18, 0.00, 0.27 |
| HSL | 215°, 29%, 61% |
| HSV | 215°, 31%, 73% |
| XYZ | 28.8842, 30.5497, 50.2557 |
| YIQ | 148.5860, -24.8970, 5.1750 |

Conversions

Conversions Part 2

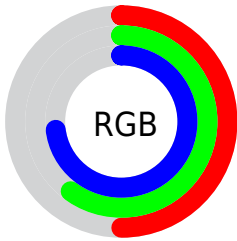
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 128, 145, 185 |
| Decimal | 8427705 |
| CIE _{Lab} | 62.13, -0.59, -19.86 |
| CIE _{LCh} | 62, 19.872, 268.298 |
| Yxy | 30.5497, 0.2633, 0.2785 |
| Android (android.graphics.Color) | 4286617785 (0xFF8098B9) |
| YUV | 148.5860, 17.9521, -18.0539 |
| Hunter-Lab | 55.2718, -3.4442, -15.2190 |

Details

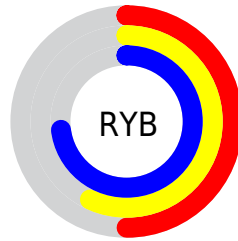
The YIQ color $148.5860, -24.8970, 5.1750$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $164.4140, 24.8970, -5.1750$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.8140, -25.5390, 5.7970$, and $97.3580, -24.2550, 4.5530$ is the 20% darker color. If you saturate the color by 10%, you get $136.4480, -33.1960, 6.9000$, and if you desaturate by 10%, it is $160.4250, -17.1940, 3.2380$.

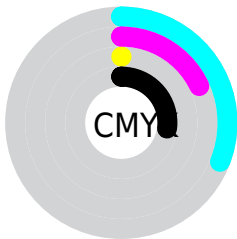
Distribution



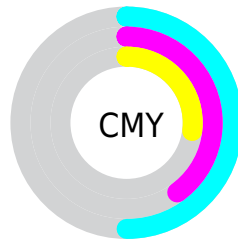
- Red (50%)
- Green (60%)
- Blue (73%)



- Red (50%)
- Yellow (57%)
- Blue (73%)



- Cyan (31%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.5860, -24.8970, 5.1750 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 148.5860, -24.8970, 5.1750 by changing the saturation by 10% instead.

■ 148.5860,
-24.8970, 5.1750

■ 148.5860,
-24.8970, 5.1750

■ 255.0000, -0.0000,
-0.0000

■ 122.4720,
-24.5760, 4.8640

■ 202.8140,
-25.5390, 5.7970

■ 97.3580, -24.2550,
4.5530

■ 229.2180,
-21.0450, 1.4430

■ 72.9450, -24.5300,
4.0300

■ 250.2160, -9.5360,
-3.3920

■ 49.7060, -25.3550,
2.4610

■ 26.6840, -28.2890,
0.5670

■ 10.0880, -14.6270,
6.2770

■ 2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 148.5860,
-24.8970, 5.1750

■ 148.5860,
-24.8970, 5.1750

■ 136.4480,
-33.1960, 6.9000

■ 160.4250,
-17.1940, 3.2380

■ 125.1960,
-41.1740, 8.3140

■ 171.9760, -8.6200,
2.0360

■ 113.3570,
-48.8770, 10.2510

■ 183.8150, -0.9170,
0.0990

■ 101.2190,
-57.1760, 11.9760

■ 195.9530, 7.3820,
-1.6260

■ 89.9670, -65.1540,
13.3900

■ 207.7920, 15.0850,
-3.5630

■ 77.8290, -73.4530,
15.1150

■ 219.3430, 23.6590,
-4.7650

■ 66.8760, -80.8350,
16.7410

■ 230.5840, 30.1700,
-7.1260

■ 237.0410, 27.1450,
-12.8790

■ 242.9110, 24.3950,
-18.1090

Harmonies

Analogous

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



144.9710, -36.5870, -3.2350



148.5860, -24.8970, 5.1750



151.7840, -7.6590, 12.1570

Triad

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



148.5860, -24.8970, 5.1750



152.4830, 29.6170, 8.4090



145.0550, -11.0010, -15.3930

Complementary

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



148.5860, -24.8970, 5.1750



164.4140, 24.8970, -5.1750

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.



147.6180, 6.4670, -12.5810



148.5860, -24.8970, 5.1750



151.2560, 28.5180, 0.7900

Square

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



148.5860, -24.8970, 5.1750



153.3500, 22.9220, 14.1060



149.6090, 19.8540, -7.3940



143.0840, -27.1400, -14.7560

Rectangle

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



148.5860, -24.8970, 5.1750



152.8240, 4.0320, 15.0400



149.6090, 19.8540, -7.3940



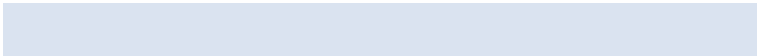
145.9910, -4.9490, -14.9410

Sweetspot

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



148.5860, -24.8970, 5.1750



225.7910, -9.5370, 2.1350



165.1070, -25.9470, -19.8590



111.4170, -5.5480, 1.4280



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



148.5860, -24.8970, 5.1750



182.8650, -38.7440, 8.3280



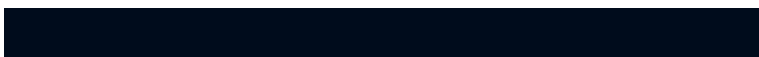
135.6940, -15.9130, 18.5750



85.7870, -3.7140, 1.2300



56.5260, -68.2260, 13.9980



10.2360, -12.2880, 2.4320

Inverse Universe

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



147.7790, 26.2680, 19.5480



181.8290, 41.1670, 30.3750



177.3060, 15.9130, -18.5750



86.0330, 4.4010, 2.8410



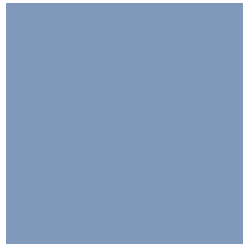
54.1680, 71.7900, 53.5980



9.7400, 12.8360, 9.6680

Previews

White Background



This preview shows how the YIQ color 148.5860, -24.8970, 5.1750 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 148.5860, -24.8970, 5.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

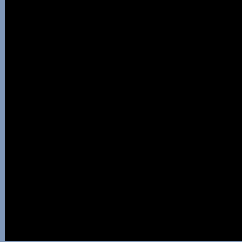
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

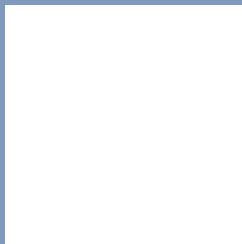
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 148.5860, -24.8970, 5.1750

Background



This preview shows how black text looks on a background with the YIQ color 148.5860, -24.8970, 5.1750.



This preview shows how white text looks on a background with the YIQ color 148.5860, -24.8970,

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

148.5860, -24.8970, 5.1750

Protanopia

150.0820, -14.4900, 9.3020

Deuteranopia

151.1470, -13.1150, 11.9170



Tritanopia

147.0990, -22.3280, -2.8400

Trichromacy



Original Color

148.5860, -24.8970, 5.1750

Protanomaly

149.2880, -18.0660, 8.0300

Deuteranomaly

150.2280, -17.8370, 9.3870

Tritanomaly

147.6090, -23.7040, 0.0720

Monochromacy



Original Color

148.5860, -24.8970, 5.1750

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.6770, -9.2160, 1.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.5860, -24.8970, 5.1750 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(128, 152, 185)` looks like.

```
.text, #text, p{  
    color:rgb(128, 152, 185)  
}
```

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(128, 152, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 152, 185) }
```

Border

The CSS property to change the border of an element to YIQ 148.5860, -24.8970, 5.1750 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(128, 152, 185) }
```


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

```
.border{ border-color:rgb(128, 152, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 152, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 152, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 152, 185);  
box-shadow:4px 4px 4px 4px rgb(128, 152,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 148.5860, -24.8970, 5.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 152, 185) }
```

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

```
.background{ background-color: rgb(128,  
152, 185) }
```

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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