

Converting Colors

YIQ(174.4720, -24.5760, 4.8640)

Have a look what the booklet for
YIQ(174.4720, -24.5760, 4.8640)
contains.

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Color

**YIQ(174.4720, -24.5760,
4.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB2D2
RGB	154, 178, 210
RGB Percent	60%, 70%, 82%
CMY	0.3961, 0.3019, 0.1766
CMYK	0.27, 0.15, 0.00, 0.18
HSL	214°, 38%, 71%
HSV	214°, 27%, 82%
XYZ	40.8760, 43.3655, 67.1684
YIQ	174.4720, -24.5760, 4.8640

Conversions

Conversions Part 2

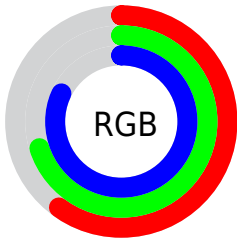
Format	Color
RYB	154, 171, 210
Decimal	10138322
CIELab	71.80, -1.05, -18.87
CIELCh	72, 18.900, 266.820
Yxy	43.3655, 0.2700, 0.2864
Android (android.graphics.Color)	4288328402 (0xFF9AB2D2)
YUV	174.4720, 17.5153, -17.9539
Hunter-Lab	65.8525, -4.4432, -14.3780

Details

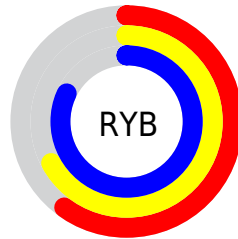
The YIQ color $174.4720, -24.5760, 4.8640$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $189.5280, 24.5760, -4.8640$, and the grayscale version is $174.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $228.9190, -21.6410, 1.2310$, and $121.5430, -23.3380, 4.4540$ is the 20% darker color. If you saturate the color by 10%, you get $161.1490, -33.7920, 6.6880$, and if you desaturate by 10%, it is $187.7950, -15.3600, 3.0400$.

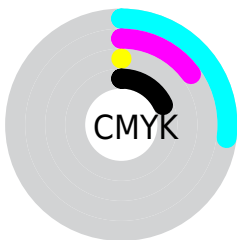
Distribution



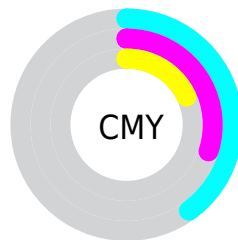
- Red (60%)
- Green (70%)
- Blue (82%)



- Red (60%)
- Yellow (67%)
- Blue (82%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.4720, -24.5760, 4.8640 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 174.4720, -24.5760, 4.8640 by changing the saturation by 10% instead.

■ 174.4720,
-24.5760, 4.8640

■ 174.4720,
-24.5760, 4.8640

■ 255.0000, -0.0000,
-0.0000

■ 147.3580,
-24.2550, 4.5530

■ 228.9190,
-21.6410, 1.2310

■ 121.5430,
-23.3380, 4.4540

■ 249.9170,
-10.1320, -3.6040

■ 96.7170, -23.8880,
3.4080

■ 72.6030, -23.5670,
3.0970

■ 48.8910, -24.4380,
2.3620

■ 25.8690, -27.3720,
0.4680

■ 9.2730, -13.7100,

6.1780

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 174.4720,
-24.5760, 4.8640

■ 174.4720,
-24.5760, 4.8640

■ 161.1490,
-33.7920, 6.6880

■ 187.7950,
-15.3600, 3.0400

■ 147.8260,
-43.0080, 8.5120

■ 201.1180, -6.1440,
1.2160

■ 134.5030,
-52.2240, 10.3360

■ 214.4410, 3.0720,
-0.6080

■ 121.1800,
-61.4400, 12.1600

■ 227.7640, 12.2880,
-2.4320

■ 107.8570,
-70.6560, 13.9840

■ 239.8910, 19.1200,
-5.1040

■ 94.5340, -79.8720,
15.8080

■ 246.9350, 15.8200,
-11.3800

■ 81.2110, -89.0880,
17.6320

■ 249.8700, 14.4450,
-13.9950

■ 76.7700, -92.1600,
18.2400

Harmonies

Analogous

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



171.3410, -34.7530, -3.4330



174.4720, -24.5760, 4.8640



177.4850, -8.2550, 11.9450

Triad

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



174.4720, -24.5760, 4.8640



178.5970, 29.2960, 8.7200



171.6530, -9.8090, -14.9690

Complementary

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



174.4720, -24.5760, 4.8640



189.5280, 24.5760, -4.8640

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.



173.9170, 7.0630, -12.3690



174.4720, -24.5760, 4.8640



177.3700, 28.1970, 1.1010

Square

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



174.4720, -24.5760, 4.8640



179.0510, 22.3260, 13.8940



175.4350, 20.4040, -6.3480



169.8670, -25.0310, -14.4310

Rectangle

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



174.4720, -24.5760, 4.8640



178.5250, 3.4360, 14.8280



175.4350, 20.4040, -6.3480



172.2900, -4.3530, -14.7290

Sweetspot

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



174.4720, -24.5760, 4.8640



241.9760, -8.6200, 2.0360



190.5200, -25.6720, -19.3360



119.4170, -5.5480, 1.4280



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.



174.4720, -24.5760, 4.8640



202.8930, -35.9470, 7.1970



161.5800, -15.5920, 18.2640



98.1890, -4.9060, 0.8060



61.4160, -73.7280, 14.5920



15.2400, -18.1110, 3.3370

Inverse Universe

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



173.4800, 25.6720, 19.3360



201.5080, 37.6370, 28.2690



202.4200, 15.5920, -18.2640



97.8590, 4.9510, 3.8870



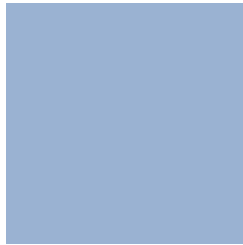
58.4400, 77.0160, 58.0080



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 174.4720, -24.5760, 4.8640 looks on a white background.

Color Contrast Check

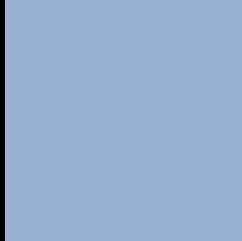
Large Text (above 18pt) WCAG AA × Fail

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 174.4720, -24.5760, 4.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

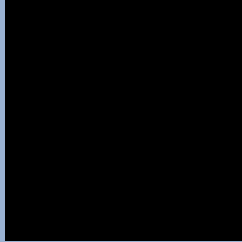
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

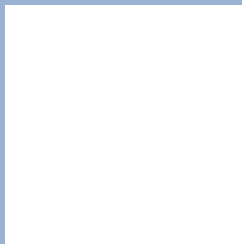
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 174.4720, -24.5760, 4.8640

Background



This preview shows how black text looks on a background with the YIQ color 174.4720, -24.5760, 4.8640.



This preview shows how white text looks on a background with the YIQ color 174.4720, -24.5760,

4.8640.

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

174.4720, -24.5760, 4.8640

Protanopia

176.2670, -13.5730, 9.2030

Deuteranopia

177.3430, -10.7310, 12.7650



Tritanopia

173.6260, -22.3740, -2.0060

Trichromacy



Original Color

174.4720, -24.5760, 4.8640

Protanomaly

175.4730, -17.1490, 7.9310

Deuteranomaly

176.1250, -16.0490, 10.0230

Tritanomaly

173.9080, -23.1080, 0.2840

Monochromacy



Original Color

174.4720, -24.5760, 4.8640

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.9760, -8.6200, 2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.4720, -24.5760, 4.8640 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(154, 178, 210)` looks like.

```
.text, #text, p{  
    color:rgb(154, 178, 210)  
}
```

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(154, 178, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 178, 210) }
```

Border

The CSS property to change the border of an element to YIQ 174.4720, -24.5760, 4.8640 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(154, 178, 210) }
```


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

```
.border{ border-color:rgb(154, 178, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 178, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 178, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 178, 210);  
box-shadow:4px 4px 4px 4px rgb(154, 178,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 174.4720, -24.5760, 4.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 178, 210) }
```

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

```
.background{ background-color: rgb(154,  
178, 210) }
```

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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