

Converting Colors

YIQ(171.0220, -23.4290, 0.5950)

Have a look what the booklet for
YIQ(171.0220, -23.4290, 0.5950)
contains.

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Color

**YIQ(171.0220, -23.4290,
0.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	95B1C6
RGB	149, 177, 198
RGB Percent	58%, 69%, 78%
CMY	0.4157, 0.3058, 0.2236
CMYK	0.25, 0.11, 0.00, 0.22
HSL	206°, 30%, 68%
HSV	206°, 25%, 78%
XYZ	38.3062, 41.9132, 59.4803
YIQ	171.0220, -23.4290, 0.5950

Conversions

Conversions Part 2

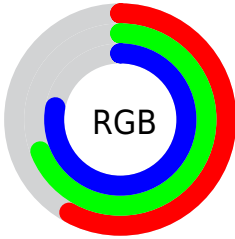
Format	Color
R_{YB}	149, 167, 198
Decimal	9810374
CIE _{Lab}	70.81, -4.86, -13.82
CIE _{LCh}	71, 14.648, 250.639
Yxy	41.9132, 0.2742, 0.3000
Android (android.graphics.Color)	4288000454 (0xFF95B1C6)
YUV	171.0220, 13.3002, -19.3133
Hunter-Lab	64.7404, -7.6790, -9.1545

Details

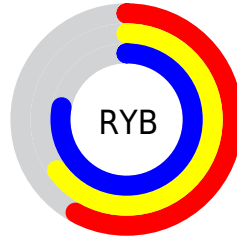
The YIQ color $171.0220, -23.4290, 0.5950$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $175.9780, 23.4290, -0.5950$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $226.8370, -24.3460, 0.6940$, and $118.2070, -22.5120, 0.4960$ is the 20% darker color. If you saturate the color by 10%, you get $160.3460, -33.1490, 0.5390$, and if you desaturate by 10%, it is $181.6980, -13.7090, 0.6510$.

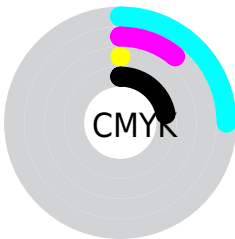
Distribution



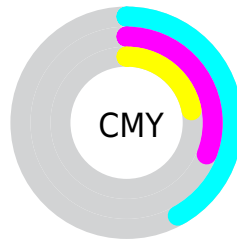
- Red (58%)
- Green (69%)
- Blue (78%)



- Red (58%)
- Yellow (65%)
- Blue (78%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.0220, -23.4290, 0.5950 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 171.0220, -23.4290, 0.5950 by changing the saturation by 10% instead.

■ 171.0220,
-23.4290, 0.5950

■ 171.0220,
-23.4290, 0.5950

■ 255.0000, -0.0000,
-0.0000

■ 144.3210,
-22.8330, 0.8070

■ 226.8370,
-24.3460, 0.6940

■ 118.7940,
-22.7870, -0.0270

■ 248.1230,
-13.7080, -4.8760

■ 93.6800, -22.4660,
-0.3380

■ 69.6800, -22.4660,
-0.3380

■ 46.2670, -22.7410,
-0.8610

■ 24.2560, -24.2080,
-1.8080

■ 7.1870, -10.5920,

4.7360

0.0000, 0.0000,
0.0000

171.0220,
-23.4290, 0.5950

171.0220,
-23.4290, 0.5950

160.3460,
-33.1490, 0.5390

181.6980,
-13.7090, 0.6510

149.0830,
-42.5940, 1.0060

192.9610, -4.2640,
0.1840

138.7060,
-51.7180, 1.1620

203.3380, 4.8600,
0.0280

127.4430,
-61.1630, 1.6290

214.6010, 14.3050,
-0.4390

116.7670,
-70.8830, 1.5730

225.2770, 24.0250,
-0.3830

■ 105.5040,
-80.3280, 2.0400

■ 232.6530, 25.7220,
-3.6060

■ 94.8280, -90.0480,
1.9840

■ 237.3490, 23.5220,
-7.7900

■ 88.9030, -94.6330,
2.4790

■ 242.6320, 21.0470,
-12.4970

■ 247.3280, 18.8470,
-16.6810

Harmonies

Analogous

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



169.1800, -27.0500, -5.3700



171.0220, -23.4290, 0.5950



173.5720, -13.1140, 6.3900

Triad

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



171.0220, -23.4290, 0.5950



175.6330, 20.4470, 9.3990



170.9640, -0.3190, -10.7430

Complementary

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



171.0220, -23.4290, 0.5950



175.9780, 23.4290, -0.5950

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.



172.4170, 11.6470, -7.3370



171.0220, -23.4290, 0.5950



175.0260, 23.4740, 4.0980

Square

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



171.0220, -23.4290, 0.5950



175.9080, 12.4230, 11.6470



173.4830, 20.4490, -1.6550



168.9070, -13.3400, -11.5480

Rectangle

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



171.0220, -23.4290, 0.5950



174.7580, -4.7700, 9.3580



173.4830, 20.4490, -1.6550



171.5300, 3.8990, -10.0930

Sweetspot

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



171.0220, -23.4290, 0.5950



244.9220, -8.5280, 0.3680



180.0430, -19.8950, -19.4070



121.7760, -5.1810, 0.2830



0.0000, 0.0000, 0.0000



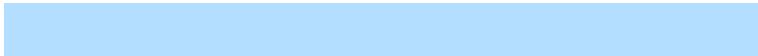
128.0000, -0.0000, -0.0000

Same Dimension

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



171.0220, -23.4290, 0.5950



212.9050, -36.2210, 1.1470



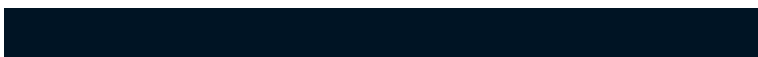
156.9340, -16.8290, 13.1470



93.9610, -4.2640, 0.1840



73.1730, -77.8980, 2.0540



15.8440, -17.0560, 0.7360

Inverse Universe

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



166.8430, 20.2160, 19.0960



206.6260, 31.4930, 29.4850



190.0660, 16.8290, -13.1470



93.2610, 3.7590, 3.4630



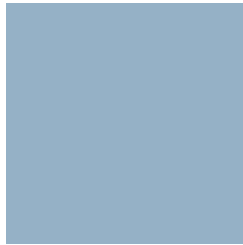
59.3390, 67.2950, 63.4790



13.0440, 15.0360, 13.8520

Previews

White Background



This preview shows how the YIQ color 171.0220, -23.4290, 0.5950 looks on a white background.

Color Contrast Check

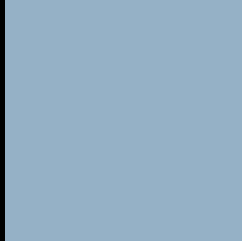
Large Text (above 18pt) WCAG AA × Fail

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 171.0220, -23.4290, 0.5950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

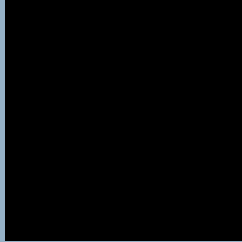
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

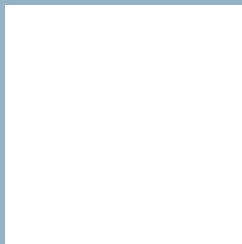
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 171.0220, -23.4290, 0.5950

Background



This preview shows how black text looks on a background with the YIQ color 171.0220, -23.4290, 0.5950.



This preview shows how white text looks on a background with the YIQ color 171.0220, -23.4290,

0.5950.

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

171.0220, -23.4290, 0.5950

Protanopia

173.9100, -8.2540, 6.4180

Deuteranopia

174.9260, -5.1830, 11.3370



Tritanopia

170.6260, -22.3740, -2.0060

Trichromacy



Original Color

171.0220, -23.4290, 0.5950

Protanomaly

172.8060, -13.8930, 3.9870

Deuteranomaly

173.5830, -11.6470, 7.3370

Tritanomaly

170.8540, -23.0160, -1.3840

Monochromacy



Original Color

171.0220, -23.4290, 0.5950

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.9220, -8.5280, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.0220, -23.4290, 0.5950 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(149, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(149, 177, 198)  
}
```

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(149, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 177, 198) }
```

Border

The CSS property to change the border of an element to YIQ 171.0220, -23.4290, 0.5950 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(149, 177, 198) }
```


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

```
.border{ border-color:rgb(149, 177, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 177, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 177, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 177, 198);  
box-shadow:4px 4px 4px 4px rgb(149, 177,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 171.0220, -23.4290, 0.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 177, 198) }
```

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

```
.background{ background-color: rgb(149,  
177, 198) }
```

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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