

Converting Colors

YIQ(171.8750, -27.5090,
-2.5570)

Have a look what the booklet for
YIQ(171.8750, -27.5090, -2.5570)
contains.

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Color

**YIQ(171.8750, -27.5090,
-2.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	90B5C6
RGB	144, 181, 198
RGB Percent	56%, 71%, 78%
CMY	0.4354, 0.2901, 0.2236
CMYK	0.27, 0.09, 0.00, 0.22
HSL	199°, 32%, 67%
HSV	199°, 27%, 78%
XYZ	38.2146, 43.0574, 59.7040
YIQ	171.8750, -27.5090, -2.5570

Conversions

Conversions Part 2

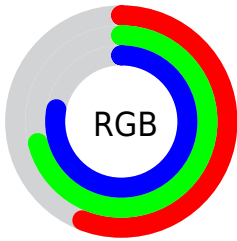
Format	Color
RYB	144, 166, 198
Decimal	9483718
CIELab	71.59, -8.53, -12.67
CIELCh	72, 15.275, 236.074
Yxy	43.0574, 0.2711, 0.3054
Android (android.graphics.Color)	4287673798 (0xFF90B5C6)
YUV	171.8750, 12.8796, -24.4464
Hunter-Lab	65.6181, -10.8770, -8.0135

Details

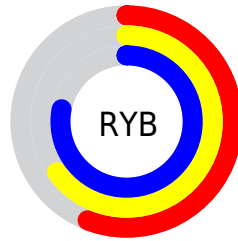
The YIQ color $171.8750, -27.5090, -2.5570$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $170.1250, 27.5090, 2.5570$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.6900, -28.4260, -2.4580$, and $119.0600, -26.5920, -2.6560$ is the 20% darker color. If you saturate the color by 10%, you get $162.3730, -37.7790, -3.6590$, and if you desaturate by 10%, it is $181.3770, -17.2390, -1.4550$.

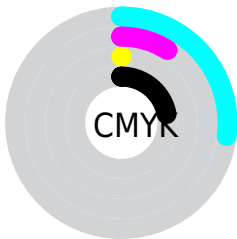
Distribution



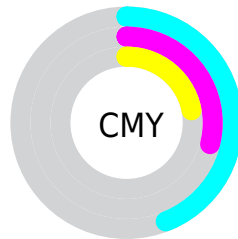
- Red (56%)
- Green (71%)
- Blue (78%)



- Red (56%)
- Yellow (65%)
- Blue (78%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.8750, -27.5090, -2.5570 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 171.8750, -27.5090, -2.5570 by changing the saturation by 10% instead.

■ 171.8750,
-27.5090, -2.5570

■ 171.8750,
-27.5090, -2.5570

■ 255.0000, -0.0000,
-0.0000

■ 145.1740,
-26.9130, -2.3450

■ 227.6900,
-28.4260, -2.4580

■ 119.0600,
-26.5920, -2.6560

■ 246.6280,
-16.6880, -5.9360

■ 94.0600, -26.5920,
-2.6560

■ 69.6470, -26.8670,
-3.1790

■ 45.6360, -28.3340,
-4.1260

■ 26.0170, -25.0330,
-3.3770

■ 10.1220, -11.9670,

2.1210

■ 0.0000, 0.0000,
0.0000

■ 171.8750,
-27.5090, -2.5570

■ 171.8750,
-27.5090, -2.5570

■ 162.3730,
-37.7790, -3.6590

■ 181.3770,
-17.2390, -1.4550

■ 152.8710,
-48.0490, -4.7610

■ 190.8790, -6.9690,
-0.3530

■ 143.0810,
-57.4480, -5.1280

■ 200.6690, 2.4300,
0.0140

■ 133.5790,
-67.7180, -6.2300

■ 210.1710, 12.7000,
1.1160

■ 124.0770,
-77.9880, -7.3320

■ 219.6730, 22.9700,
2.2180

■ 114.5750,
-88.2580, -8.4340

■ 226.7830, 28.4720,
1.6240

■ 105.0730,
-98.5280, -9.5360

■ 230.8920, 26.5470,
-2.0370

■ 102.4040,
-100.9580, -9.5500

■ 234.4140, 24.8970,
-5.1750

■ 237.9360, 23.2470,
-8.3130

Harmonies

Analogous

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



170.3000, -27.5080, -8.0840



171.8750, -27.5090, -2.5570



174.2830, -19.6700, 4.0580

Triad

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



171.8750, -27.5090, -2.5570



178.1320, 17.6040, 11.3640



173.3130, 6.0080, -9.7680

Complementary

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



171.8750, -27.5090, -2.5570



170.1250, 27.5090, 2.5570

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.



175.2220, 16.6900, -5.1180



171.8750, -27.5090, -2.5570



177.4330, 23.8860, 7.6460

Square

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



171.8750, -27.5090, -2.5570



177.7980, 6.9210, 12.2410



176.4450, 23.6120, 1.5960



171.9030, -7.5170, -12.4530

Rectangle

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



171.8750, -27.5090, -2.5570



175.9960, -11.3720, 7.8600



176.4450, 23.6120, 1.5960



174.4060, 10.1800, -8.2840

Sweetspot

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



171.8750, -27.5090, -2.5570



245.4980, -10.2700, -1.1020



177.5220, -19.9860, -23.2660



121.1780, -6.3730, -0.1410



0.0000, 0.0000, 0.0000



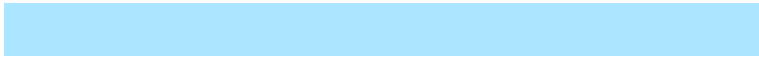
128.0000, -0.0000, -0.0000

Same Dimension

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



171.8750, -27.5090, -2.5570



214.6220, -42.9140, -4.2100



156.6130, -20.3590, 11.0410



94.5480, -4.5390, -0.3390



84.3260, -83.1230, -7.8830



18.1920, -18.1560, -1.3560

Inverse Universe

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



164.3640, 20.3070, 22.9550



202.7280, 31.4460, 35.8460



185.3870, 20.3590, -11.0410



93.3750, 3.4380, 3.7740



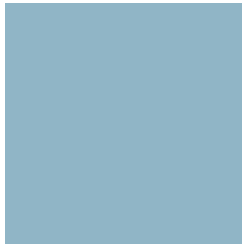
61.5050, 61.1960, 69.3880



13.5000, 13.7520, 15.0960

Previews

White Background



This preview shows how the YIQ color 171.8750, -27.5090, -2.5570 looks on a white background.

Color Contrast Check

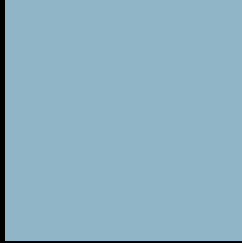
Large Text (above 18pt) WCAG AA × Fail

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 171.8750, -27.5090, -2.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

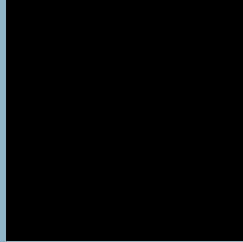
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.8750, -27.5090, -2.5570

Background



This preview shows how black text looks on a background with the YIQ color 171.8750, -27.5090, -2.5570.



This preview shows how white text looks on a background with the YIQ color 171.8750, -27.5090, -2.5570.

-2.5570.

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

171.8750, -27.5090, -2.5570

Protanopia

175.8670, -6.6950, 5.6970

Deuteranopia

176.9970, -3.9450, 10.9270



Tritanopia

171.6470, -26.8670, -3.1790

Trichromacy



Original Color

171.8750, -27.5090, -2.5570

Protanomaly

174.5670, -14.7180, 2.4180

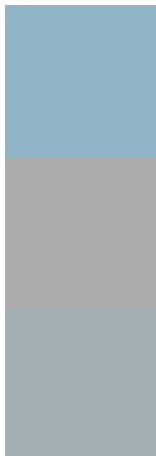
Deuteranomaly

175.3440, -12.4720, 5.7680

Tritanomaly

171.7610, -27.1880, -2.8680

Monochromacy



Original Color

171.8750, -27.5090, -2.5570

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.7970, -9.6740, -0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8750, -27.5090, -2.5570 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(144, 181, 198)` looks like.

```
.text, #text, p{  
    color:rgb(144, 181, 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(144, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 181, 198) }
```

Border

The CSS property to change the border of an element to YIQ 171.8750, -27.5090, -2.5570 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(144, 181, 198) }
```


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

```
.border{ border-color:rgb(144, 181, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 181, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 181, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 181, 198);  
box-shadow:4px 4px 4px 4px rgb(144, 181,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8750, -27.5090, -2.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 181, 198) }
```

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

```
.background{ background-color: rgb(144,  
181, 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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