

Converting Colors

YIQ(197.5980, -25.1710,
-0.8750)

Have a look what the booklet for
YIQ(197.5980, -25.1710, -0.8750)
contains.

YIQ(197.5980, -25.1710, -0.8750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(197.5980, -25.1710,
-0.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCDE0
RGB	173, 205, 224
RGB Percent	68%, 80%, 88%
CMY	0.3216, 0.1960, 0.1217
CMYK	0.23, 0.08, 0.00, 0.12
HSL	202°, 45%, 78%
HSV	202°, 23%, 88%
XYZ	52.5151, 57.9317, 78.9143
YIQ	197.5980, -25.1710, -0.8750

Conversions

Conversions Part 2

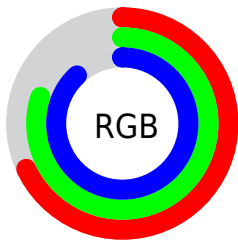
Format	Color
RYB	173, 193, 224
Decimal	11390432
CIELab	80.70, -6.53, -12.93
CIElCh	81, 14.481, 243.199
Yxy	57.9317, 0.2773, 0.3059
Android (android.graphics.Color)	4289580512 (0xFFADCDE0)
YUV	197.5980, 13.0162, -21.5724
Hunter-Lab	76.1129, -10.0391, -8.1932

Details

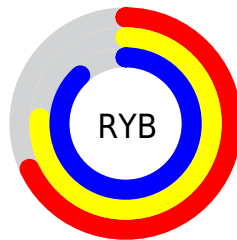
The YIQ color $197.5980, -25.1710, -0.8750$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $199.4020, 25.1710, 0.8750$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.2260, -15.4960, -5.5120$, and $143.7830, -24.2540, -0.9740$ is the 20% darker color. If you saturate the color by 10%, you get $186.3240, -36.0830, -1.3550$, and if you desaturate by 10%, it is $208.8720, -14.2590, -0.3950$.

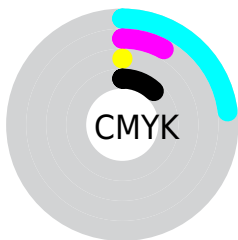
Distribution



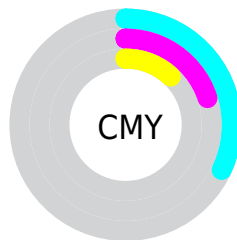
- Red (68%)
- Green (80%)
- Blue (88%)



- Red (68%)
- Yellow (76%)
- Blue (88%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.5980, -25.1710, -0.8750 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 197.5980, -25.1710, -0.8750 by changing the saturation by 10% instead.

■ 197.5980,
-25.1710, -0.8750

■ 197.5980,
-25.1710, -0.8750

■ 255.0000, -0.0000,
-0.0000

■ 170.4840,
-24.8500, -1.1860

■ 247.2260,
-15.4960, -5.5120

■ 143.7830,
-24.2540, -0.9740

■ 117.6690,
-23.9330, -1.2850

■ 92.6690, -23.9330,
-1.2850

■ 68.5550, -23.6120,
-1.5960

■ 45.2560, -24.2080,
-1.8080

■ 24.0280, -23.5660,

-2.4300

■ 6.4860, -9.9960,
4.9480

■ 0.0000, 0.0000,
0.0000

■ 197.5980,
-25.1710, -0.8750

■ 197.5980,
-25.1710, -0.8750

■ 186.3240,
-36.0830, -1.3550

■ 208.8720,
-14.2590, -0.3950

■ 174.1640,
-47.3160, -1.5240

■ 221.0320, -3.0260,
-0.2260

■ 162.8900,
-58.2280, -2.0040

■ 232.3060, 7.8860,
0.2540

■ 151.3170,
-69.7360, -2.6960

■ 241.4870, 14.6260,
-0.7500

■ 139.4560,
-80.3730, -2.6530

■ 246.7700, 12.1510,
-5.4570

■ 128.1820,
-91.2850, -3.1330

■ 251.4660, 9.9510,
-9.6410

■ 116.6090,
-102.7930, -3.8250

■ 108.3030,
-110.6790, -4.0790

Harmonies

Analogous

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



196.2400, -27.2790, -6.7270



197.5980, -25.1710, -0.8750



200.0770, -16.0940, 5.3300

Triad

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



197.5980, -25.1710, -0.8750



202.9750, 19.4840, 10.3320



198.3450, 2.9820, -9.9940

Complementary

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



197.5980, -25.1710, -0.8750



199.4020, 25.1710, 0.8750

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.



199.9120, 14.6270, -6.2770



197.5980, -25.1710, -0.8750



202.3790, 23.9780, 5.9780

Square

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



197.5980, -25.1710, -0.8750



203.3530, 9.6720, 11.9440



201.0210, 21.8700, 0.1260



196.7610, -9.9930, -11.6330

Rectangle

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



197.5980, -25.1710, -0.8750



201.3770, -8.0710, 8.6090



201.0210, 21.8700, 0.1260



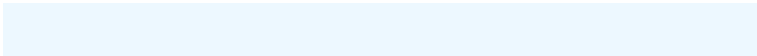
198.9110, 7.2000, -9.3440

Sweetspot

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



197.5980, -25.1710, -0.8750



245.5090, -8.8030, -0.1550



205.1030, -20.1240, -20.7640



122.3630, -5.4560, -0.2400



0.0000, 0.0000, 0.0000



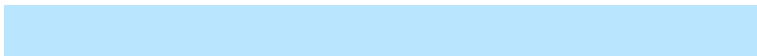
128.0000, -0.0000, -0.0000

Same Dimension

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



197.5980, -25.1710, -0.8750



219.1070, -33.9740, -1.0300



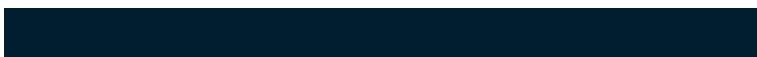
182.9230, -18.2960, 12.2000



106.3630, -5.4560, -0.2400



85.2210, -87.0210, -3.3170



23.0820, -23.6580, -0.7620

Inverse Universe

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



191.8970, 20.1240, 20.7640



211.5330, 27.3210, 28.0010



214.0770, 18.2960, -12.2000



105.0870, 4.3090, 4.5090



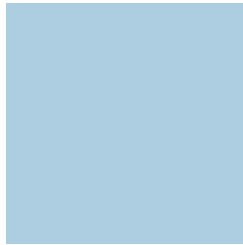
65.2780, 69.2650, 71.8330



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 197.5980, -25.1710, -0.8750 looks on a white background.

Color Contrast Check

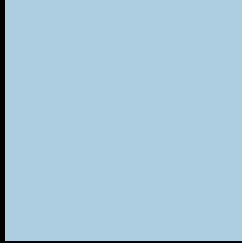
Large Text (above 18pt) WCAG AA × Fail

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 197.5980, -25.1710, -0.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

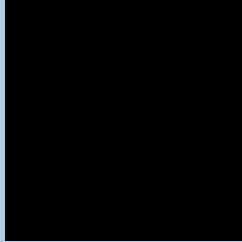
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

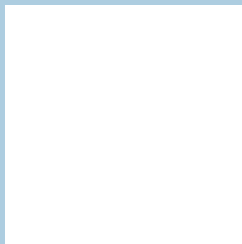
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 197.5980, -25.1710, -0.8750

Background



This preview shows how black text looks on a background with the YIQ color 197.5980, -25.1710, -0.8750.



This preview shows how white text looks on a background with the YIQ color 197.5980, -25.1710, -0.8750.

-0.8750.

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

197.5980, -25.1710, -0.8750

Protanopia

201.0950, -7.3370, 6.3190

Deuteranopia

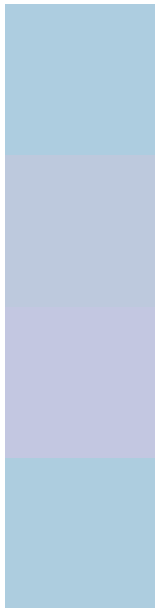
202.1220, -2.7990, 12.1850



Tritanopia

197.3700, -24.5290, -1.4970

Trichromacy



Original Color

197.5980, -25.1710, -0.8750

Protanomaly

199.6920, -13.5720, 3.6760

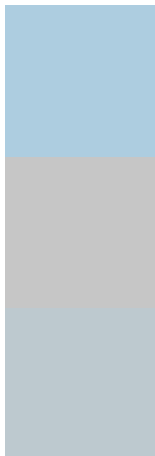
Deuteranomaly

200.7680, -10.7300, 7.2380

Tritanomaly

197.4840, -24.8500, -1.1860

Monochromacy



Original Color

197.5980, -25.1710, -0.8750

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0960, -9.0780, -0.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.5980, -25.1710, -0.8750 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(173, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(173, 205, 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(173, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 205, 224) }
```

Border

The CSS property to change the border of an element to YIQ 197.5980, -25.1710, -0.8750 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(173, 205, 224) }
```


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

```
.border{ border-color:rgb(173, 205, 224) }
```

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

Here you see how a box with a 4 pixel rgb(173, 205, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 205, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 205, 224);  
box-shadow:4px 4px 4px 4px rgb(173, 205,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 197.5980, -25.1710, -0.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 205, 224) }
```

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

```
.background{ background-color: rgb(173,  
205, 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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