

Converting Colors

YIQ(198.7480, -25.1730,
10.1790)

Have a look what the booklet for
YIQ(198.7480, -25.1730, 10.1790)
contains.

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Color

**YIQ(198.7480, -25.1730,
10.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C7F4
RGB	181, 199, 244
RGB Percent	71%, 78%, 96%
CMY	0.2902, 0.2196, 0.0433
CMYK	0.26, 0.18, 0.00, 0.04
HSL	223°, 74%, 83%
HSV	223°, 26%, 96%
XYZ	55.8043, 57.2033, 93.6607
YIQ	198.7480, -25.1730, 10.1790

Conversions

Conversions Part 2

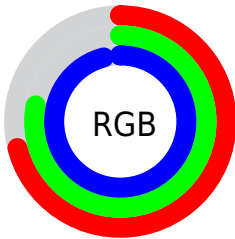
Format	Color
RYB	181, 195, 244
Decimal	11913204
CIELab	80.29, 3.62, -24.18
CIELCh	80, 24.454, 278.509
Yxy	57.2033, 0.2700, 0.2768
Android (android.graphics.Color)	4290103284 (0xFFB5C7F4)
YUV	198.7480, 22.3092, -15.5650
Hunter-Lab	75.6328, -0.6546, -20.4794

Details

The YIQ color $198.7480, -25.1730, 10.1790$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $226.2520, 25.1730, -10.1790$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, -10.1320, -3.6040$, and $144.5200, -24.5310, 9.5570$ is the 20% darker color. If you saturate the color by 10%, you get $181.5930, -34.8020, 13.9820$, and if you desaturate by 10%, it is $215.9030, -15.5440, 6.3760$.

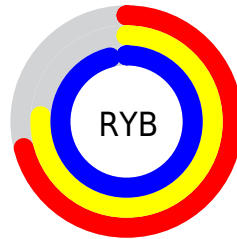
Distribution



Red (71%)

Green (78%)

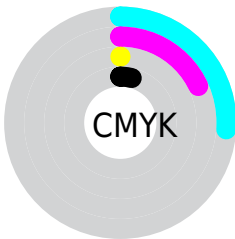
Blue (96%)



Red (71%)

Yellow (76%)

Blue (96%)

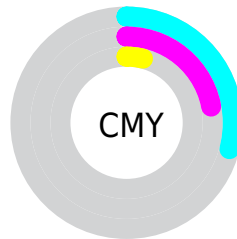


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.7480, -25.1730, 10.1790 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 198.7480, -25.1730, 10.1790 by changing the saturation by 10% instead.

■ 198.7480,
-25.1730, 10.1790

■ 198.7480,
-25.1730, 10.1790

■ 255.0000, -0.0000,
-0.0000

■ 171.5200,
-24.5310, 9.5570

■ 249.9170,
-10.1320, -3.6040

■ 144.5200,
-24.5310, 9.5570

■ 118.9930,
-24.4850, 8.7230

■ 93.7650, -23.8430,
8.1010

■ 69.3520, -24.1180,
7.5780

■ 45.8140, -25.5390,
5.7970

■ 23.9770, -27.5560,

3.8040

■ 5.0330, -12.7940,
11.6060

■ 2.5250, -5.7320,
4.7640

■ 198.7480,
-25.1730, 10.1790

■ 198.7480,
-25.1730, 10.1790

■ 181.5930,
-34.8020, 13.9820

■ 215.9030,
-15.5440, 6.3760

■ 163.5520,
-44.7520, 18.0960

■ 233.9440, -5.5940,
2.2620

■ 146.3970,
-54.3810, 21.8990

■ 251.0990, 4.0350,
-1.5410

■ 128.3560,
-64.3310, 26.0130

■ 253.7460, 3.5310,
-3.4210

■ 111.2010,
-73.9600, 29.8160

■ 94.0460, -83.5890,
33.6190

■ 76.0050, -93.5390,
37.7330

■ 68.9060, -97.5740,
39.2740

Harmonies

Analogous

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



193.8440, -43.4190, -0.5630



198.7480, -25.1730, 10.1790



201.9960, -2.2040, 17.9240

Triad

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



198.7480, -25.1730, 10.1790



201.7460, 39.0620, 7.9420



192.1460, -21.6830, -20.0430

Complementary

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



198.7480, -25.1730, 10.1790



226.2520, 25.1730, -10.1790

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.



194.5200, 0.6910, -18.0370



198.7480, -25.1730, 10.1790



199.6710, 34.4790, -2.6170

Square

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



198.7480, -25.1730, 10.1790



202.9770, 34.3380, 16.4660



197.7460, 20.7260, -12.1860



189.6740, -40.6650, -17.4410

Rectangle

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



198.7480, -25.1730, 10.1790



203.3630, 12.8800, 19.8880



197.7460, 20.7260, -12.1860



193.1530, -14.3930, -20.0010

Sweetspot

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



198.7480, -25.1730, 10.1790



240.2150, -7.7950, 3.6050



222.9970, -31.4490, -19.2650



118.2430, -4.9980, 2.4740



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.



198.7480, -25.1730, 10.1790



198.5070, -31.6840, 12.5400



192.0690, -12.4750, 22.3490



113.7160, -4.9520, 1.6400



52.3150, -74.2810, 30.1270



16.7050, -23.6140, 9.4580

Inverse Universe

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



201.8890, 31.7700, 18.9540



202.2430, 39.7010, 23.9010



232.9310, 12.4750, -22.3490



114.0440, 5.8680, 3.7880



61.6560, 93.8430, 55.9150



19.5790, 29.7070, 17.7950

Previews

White Background



This preview shows how the YIQ color 198.7480, -25.1730, 10.1790 looks on a white background.

Color Contrast Check

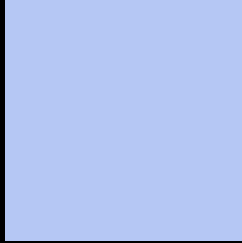
Large Text (above 18pt) WCAG AA × Fail

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 198.7480, -25.1730, 10.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

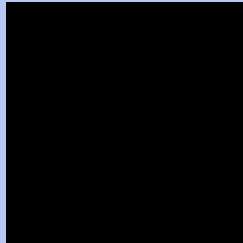
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.7480, -25.1730, 10.1790

Background



This preview shows how black text looks on a background with the YIQ color 198.7480, -25.1730, 10.1790.



This preview shows how white text looks on a background with the YIQ color 198.7480, -25.1730,

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

198.7480, -25.1730, 10.1790

Protanopia

199.8520, -19.5340, 12.6100

Deuteranopia

200.7000, -16.0500, 15.5500



Tritanopia

196.7510, -21.2280, -0.7480

Trichromacy



Original Color

198.7480, -25.1730, 10.1790

Protanomaly

199.5420, -21.5970, 11.4510

Deuteranomaly

199.7920, -19.3050, 13.9670

Tritanomaly

197.7880, -22.6500, 2.9980

Monochromacy



Original Color

198.7480, -25.1730, 10.1790

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.7310, -9.3080, 3.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.7480, -25.1730, 10.1790 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(181, 199, 244)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 244)  
}
```

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(181, 199, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 244) }
```

Border

The CSS property to change the border of an element to YIQ 198.7480, -25.1730, 10.1790 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(181, 199, 244) }
```


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

```
.border{ border-color:rgb(181, 199, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 199, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 244);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 198.7480, -25.1730, 10.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 244) }
```

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

```
.background{ background-color: rgb(181,  
199, 244) }
```

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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