

Converting Colors

YIQ(197.0580, -23.1100,
11.3380)

Have a look what the booklet for
YIQ(197.0580, -23.1100, 11.3380)
contains.

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Color

**YIQ(197.0580, -23.1100,
11.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C4F2
RGB	182, 196, 242
RGB Percent	71%, 77%, 95%
CMY	0.2863, 0.2313, 0.0511
CMYK	0.25, 0.19, 0.00, 0.05
HSL	226°, 70%, 83%
HSV	226°, 25%, 95%
XYZ	55.0545, 55.8364, 91.8546
YIQ	197.0580, -23.1100, 11.3380

Conversions

Conversions Part 2

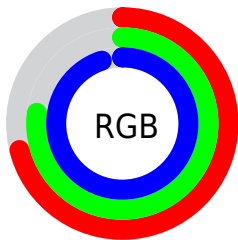
Format	Color
R _Y B	182, 193, 242
Decimal	11977970
CIE Lab	79.52, 5.07, -24.29
CIE LCh	80, 24.810, 281.786
Yxy	55.8364, 0.2715, 0.2754
Android (android.graphics.Color)	4290168050 (0xFFB6C4F2)
YUV	197.0580, 22.1564, -13.2059
Hunter-Lab	74.7237, 0.7477, -20.5760

Details

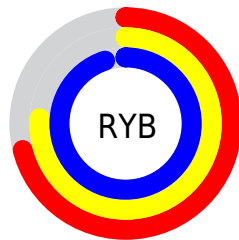
The YIQ color $197.0580, -23.1100, 11.3380$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $226.9420, 23.1100, -11.3380$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.0420, -8.9860, -2.3460$, and $142.8300, -22.4680, 10.7160$ is the 20% darker color. If you saturate the color by 10%, you get $178.7290, -32.1890, 16.1870$, and if you desaturate by 10%, it is $215.3870, -14.0310, 6.4890$.

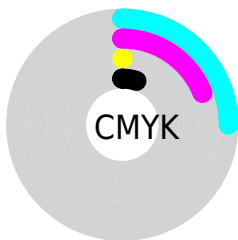
Distribution



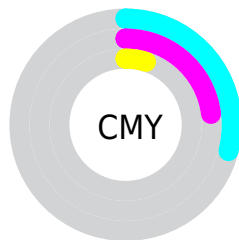
- Red (71%)
- Green (77%)
- Blue (95%)



- Red (71%)
- Yellow (76%)
- Blue (95%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0580, -23.1100, 11.3380 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 197.0580, -23.1100, 11.3380 by changing the saturation by 10% instead.

■ 197.0580,
-23.1100, 11.3380

■ 197.0580,
-23.1100, 11.3380

■ 255.0000, -0.0000,
-0.0000

■ 169.9440,
-22.7890, 11.0270

■ 249.0420, -8.9860,
-2.3460

■ 142.8300,
-22.4680, 10.7160

■ 117.3030,
-22.4220, 9.8820

■ 92.0750, -21.7800,
9.2600

■ 68.2490, -22.3300,
8.2140

■ 45.1240, -23.4760,
6.9560

■ 21.9880, -26.0890,

4.7510

■ 4.3320, -12.1980,
11.8180

■ 2.2970, -5.0900,
4.1420

■ 197.0580,
-23.1100, 11.3380

■ 197.0580,
-23.1100, 11.3380

■ 178.7290,
-32.1890, 16.1870

■ 215.3870,
-14.0310, 6.4890

■ 160.9870,
-41.5430, 20.5130

■ 233.1290, -4.6770,
2.1630

■ 142.3590,
-51.2180, 25.1500

■ 251.7570, 4.9980,
-2.4740

■ 124.6170,
-60.5720, 29.4760

■ 253.5180, 4.1730,
-4.0430

■ 106.2880,
-69.6510, 34.3250

■ 88.5460, -79.0050,
38.6510

■ 70.2170, -88.0840,
43.5000

■ 61.0470, -93.3570,
45.4510

Harmonies

Analogous

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



191.9690, -42.2730, 0.6950



197.0580, -23.1100, 11.3380



200.1920, 0.1800, 18.7720

Triad

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



197.0580, -23.1100, 11.3380



199.1050, 39.4290, 6.7970



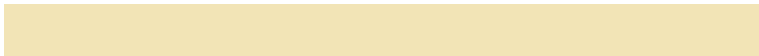
189.1780, -24.7090, -20.2690

Complementary

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



197.0580, -23.1100, 11.3380



226.9420, 23.1100, -11.3380

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.



192.3240, -1.6930, -18.8850



197.0580, -23.1100, 11.3380



197.5460, 33.3330, -3.8750

Square

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



197.0580, -23.1100, 11.3380



200.7490, 34.9800, 15.8440



194.8490, 18.9380, -12.8220



187.1190, -43.4160, -17.1440

Rectangle

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



197.0580, -23.1100, 11.3380



201.1460, 14.9890, 20.2130



194.8490, 18.9380, -12.8220



190.4840, -16.8230, -20.0150

Sweetspot

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



197.0580, -23.1100, 11.3380



241.4000, -6.8780, 3.5060



222.3500, -30.9450, -17.3850



120.0150, -4.3560, 1.8520



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.



197.0580, -23.1100, 11.3380



197.6430, -29.0710, 14.7450



193.3250, -10.3200, 21.8400



111.1290, -4.6770, 2.1630



46.2170, -70.8890, 34.7350



14.0150, -21.5510, 10.6170

Inverse Universe

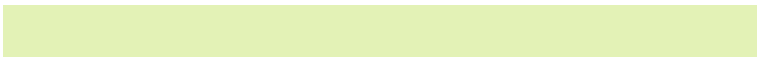
The Inverse Universe completely reimagines the original color for something new.



201.5360, 31.2660, 17.0740



203.6620, 39.8390, 21.3990



230.6750, 10.3200, -21.8400



111.9300, 6.1890, 3.4770



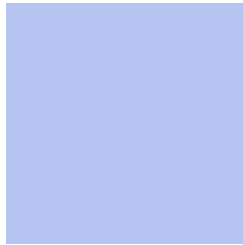
59.9180, 95.8610, 52.3810



18.2260, 29.2030, 15.9150

Previews

White Background



This preview shows how the YIQ color 197.0580, -23.1100, 11.3380 looks on a white background.

Color Contrast Check

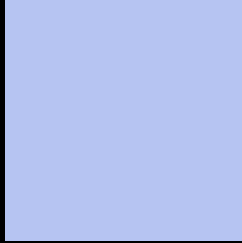
Large Text (above 18pt) WCAG AA × Fail

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 197.0580, -23.1100, 11.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

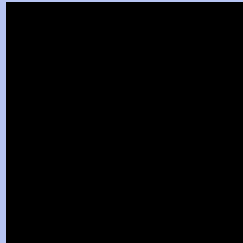
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.0580, -23.1100, 11.3380

Background



This preview shows how black text looks on a background with the YIQ color 197.0580, -23.1100, 11.3380.



This preview shows how white text looks on a background with the YIQ color 197.0580, -23.1100, 11.3380.

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

197.0580, -23.1100, 11.3380

Protanopia

197.5530, -20.1300, 12.3980

Deuteranopia

198.7000, -16.0500, 15.5500



Tritanopia

194.9470, -18.8440, 0.1000

Trichromacy



Original Color

197.0580, -23.1100, 11.3380

Protanomaly

197.2540, -20.7260, 12.1860

Deuteranomaly

198.0910, -18.7090, 14.1790

Tritanomaly

195.9840, -20.2660, 3.8460

Monochromacy



Original Color

197.0580, -23.1100, 11.3380

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.3290, -8.1160, 3.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.0580, -23.1100, 11.3380 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(182, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(182, 196, 242)  
}
```

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(182, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 196, 242) }
```

Border

The CSS property to change the border of an element to YIQ 197.0580, -23.1100, 11.3380 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(182, 196, 242) }
```


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

```
.border{ border-color:rgb(182, 196, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 196, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(182, 196,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 197.0580, -23.1100, 11.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 196, 242) }
```

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

```
.background{ background-color: rgb(182,  
196, 242) }
```

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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