

Converting Colors

YIQ(207.6130, -20.3590,
11.0410)

Have a look what the booklet for
YIQ(207.6130, -20.3590, 11.0410)
contains.

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Color

**YIQ(207.6130, -20.3590,
11.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CEF9
RGB	195, 206, 249
RGB Percent	76%, 81%, 98%
CMY	0.2353, 0.1921, 0.0236
CMYK	0.22, 0.17, 0.00, 0.02
HSL	228°, 82%, 87%
HSV	228°, 22%, 98%
XYZ	61.6725, 62.5848, 98.4283
YIQ	207.6130, -20.3590, 11.0410

Conversions

Conversions Part 2

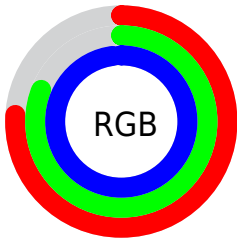
Format	Color
R _Y B	195, 204, 249
Decimal	12832505
CIE Lab	83.22, 5.18, -22.31
CIE LCh	83, 22.901, 283.072
Yxy	62.5848, 0.2769, 0.2810
Android (android.graphics.Color)	4291022585 (0xFFC3CEF9)
YUV	207.6130, 20.4038, -11.0616
Hunter-Lab	79.1105, 0.7105, -18.3905

Details

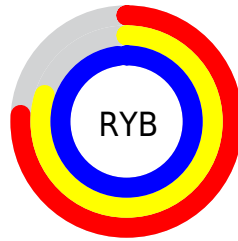
The YIQ color $207.6130, -20.3590, 11.0410$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.3870, 20.3590, -11.0410$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.1030, -1.7880, -0.6360$, and $153.2710, -19.3960, 10.1080$ is the 20% darker color. If you saturate the color by 10%, you get $188.3980, -29.7590, 16.2010$, and if you desaturate by 10%, it is $226.8280, -10.9590, 5.8810$.

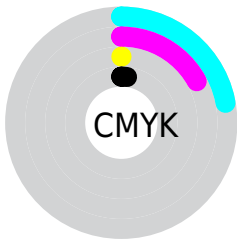
Distribution



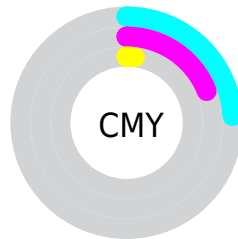
- Red (76%)
- Green (81%)
- Blue (98%)



- Red (76%)
- Yellow (80%)
- Blue (98%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.6130, -20.3590, 11.0410 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 207.6130, -20.3590, 11.0410 by changing the saturation by 10% instead.

■ 207.6130,
-20.3590, 11.0410

■ 207.6130,
-20.3590, 11.0410

■ 255.0000, -0.0000,
-0.0000

■ 180.0860,
-20.3130, 10.2070

■ 254.1030, -1.7880,
-0.6360

■ 153.2710,
-19.3960, 10.1080

■ 126.8580,
-19.6710, 9.5850

■ 101.7440,
-19.3500, 9.2740

■ 77.2170, -19.3040,
8.4400

■ 54.3910, -19.8540,
7.3940

■ 31.2660, -21.0000,

6.1360

■ 10.7720, -16.5530,
8.1430

■ 3.0950, -7.3370,
6.3190

■ 207.6130,
-20.3590, 11.0410

■ 207.6130,
-20.3590, 11.0410

■ 188.3980,
-29.7590, 16.2010

■ 226.8280,
-10.9590, 5.8810

■ 169.1830,
-39.1590, 21.3610

■ 246.0430, -1.5590,
0.7210

■ 150.5550,
-48.8340, 25.9980

■ 254.3160, 1.9260,
-1.8660

■ 131.3400,
-58.2340, 31.1580

■ 112.4240,
-67.0380, 36.5300

■ 93.2090, -76.4380,
41.6900

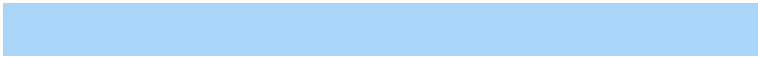
■ 73.9940, -85.8380,
46.8500

■ 58.3230, -93.9540,
50.7660

Harmonies

Analogous

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



203.5350, -38.0550, 1.3450



207.6130, -20.3590, 11.0410



210.7360, 1.4640, 17.5280

Triad

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



207.6130, -20.3590, 11.0410



209.3220, 37.3200, 6.4720



200.3030, -23.5630, -19.0110

Complementary

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



207.6130, -20.3590, 11.0410



236.3870, 20.3590, -11.0410

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.



202.9650, -2.0600, -17.7400



207.6130, -20.3590, 11.0410



207.8770, 30.9030, -3.8890

Square

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



207.6130, -20.3590, 11.0410



210.6240, 33.8340, 14.5860



205.4790, 17.1040, -12.6240



198.9130, -39.8400, -15.8720

Rectangle

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



207.6130, -20.3590, 11.0410



211.2060, 14.7600, 18.8560



205.4790, 17.1040, -12.6240



201.3100, -16.2730, -18.9690

Sweetspot

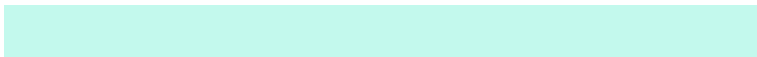
The Sweet Spot groups the original color and five complimentary colors.



207.6130, -20.3590, 11.0410



241.4000, -6.8780, 3.5060



231.4860, -28.3320, -15.1800



119.4280, -4.0810, 2.3750



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.



207.6130, -20.3590, 11.0410



204.1550, -24.7610, 13.7270



205.6410, -8.3940, 19.9740



115.2430, -4.9980, 2.4740



43.8520, -71.1190, 38.9050



13.9980, -22.8810, 12.6950

Inverse Universe

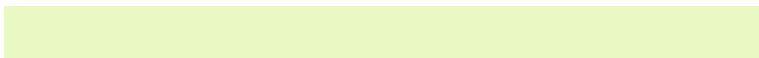
The Inverse Universe completely reimagines the original color for something new.



212.4000, 28.6530, 14.8690



210.2160, 35.1630, 18.0350



238.3590, 8.3940, -19.9740



116.2290, 6.7850, 3.6890



60.8430, 100.4460, 51.8860



19.6070, 32.5040, 16.6640

Previews

White Background



This preview shows how the YIQ color 207.6130, -20.3590, 11.0410 looks on a white background.

Color Contrast Check

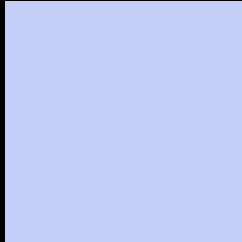
Large Text (above 18pt) WCAG AA × Fail

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 207.6130, -20.3590, 11.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

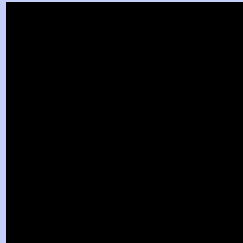
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.6130, -20.3590, 11.0410

Background



This preview shows how black text looks on a background with the YIQ color 207.6130, -20.3590, 11.0410.



This preview shows how white text looks on a background with the YIQ color 207.6130, -20.3590,

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

207.6130, -20.3590, 11.0410

Protanopia

207.8090, -17.9750, 11.8890

Deuteranopia

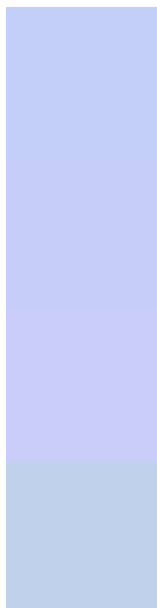
209.2550, -13.2990, 15.2530



Tritanopia

206.2570, -16.7810, 1.2590

Trichromacy



Original Color

207.6130, -20.3590, 11.0410

Protanomaly

207.5100, -18.5710, 11.6770

Deuteranomaly

208.6460, -15.9580, 13.8820

Tritanomaly

206.8810, -18.4780, 4.4820

Monochromacy



Original Color

207.6130, -20.3590, 11.0410

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.6280, -7.5200, 4.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.6130, -20.3590, 11.0410 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(195, 206, 249)` looks like.

```
.text, #text, p{  
    color:rgb(195, 206, 249)  
}
```

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(195, 206, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 206, 249) }
```

Border

The CSS property to change the border of an element to YIQ 207.6130, -20.3590, 11.0410 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(195, 206, 249) }
```


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

```
.border{ border-color:rgb(195, 206, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 206, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 206, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 206, 249);  
box-shadow:4px 4px 4px 4px rgb(195, 206,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 207.6130, -20.3590, 11.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 206, 249) }
```

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

```
.background{ background-color: rgb(195,  
206, 249) }
```

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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