

Converting Colors

YIQ(198.2020, -41.3110, 5.2890)

Have a look what the booklet for
YIQ(198.2020, -41.3110, 5.2890)
contains.

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Color

**YIQ(198.2020, -41.3110,
5.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	A2CEFD
RGB	162, 206, 253
RGB Percent	64%, 81%, 99%
CMY	0.3648, 0.1921, 0.0080
CMYK	0.36, 0.19, 0.00, 0.01
HSL	211°, 96%, 81%
HSV	211°, 36%, 99%
XYZ	54.6937, 58.9195, 101.3758
YIQ	198.2020, -41.3110, 5.2890

Conversions

Conversions Part 2

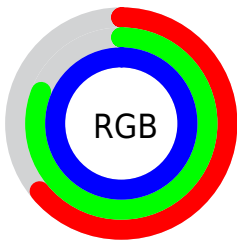
Format	Color
R _Y B	162, 192, 253
Decimal	10669821
CIE Lab	81.25, -3.29, -27.63
CIE LCh	81, 27.821, 263.212
Yxy	58.9195, 0.2544, 0.2741
Android (android.graphics.Color)	4288859901 (0xFFA2CEFD)
YUV	198.2020, 27.0154, -31.7492
Hunter-Lab	76.7591, -7.1406, -24.5730

Details

The YIQ color **198.2020, -41.3110, 5.2890** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **216.7980, 41.3110, -5.2890**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2360, -21.4560, -7.6320**, and **143.5610, -40.9440, 4.1440** is the 20% darker color. If you saturate the color by 10%, you get **183.0960, -52.6360, 6.7880**, and if you desaturate by 10%, it is **213.3080, -29.9860, 3.7900**.

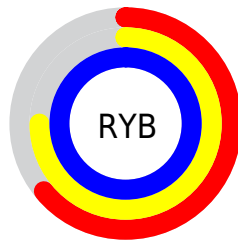
Distribution



Red (64%)

Green (81%)

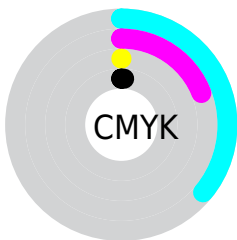
Blue (99%)



Red (64%)

Yellow (75%)

Blue (99%)

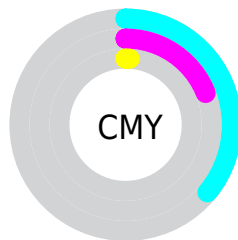


Cyan (36%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (36%)

Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.2020, -41.3110, 5.2890 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 198.2020, -41.3110, 5.2890 by changing the saturation by 10% instead.

■ 198.2020,
-41.3110, 5.2890

■ 198.2020,
-41.3110, 5.2890

■ 255.0000, -0.0000,
-0.0000

■ 170.6750,
-41.2650, 4.4550

■ 244.2360,
-21.4560, -7.6320

■ 143.5610,
-40.9440, 4.1440

■ 252.9070, -4.1720,
-1.4840

■ 117.1480,
-41.2190, 3.6210

■ 91.0230, -42.3650,
2.3630

■ 63.9190, -48.0040,
-0.0680

■ 42.7730, -44.6570,
-0.1530

■ 27.7100, -31.1780,

3.3660

■ 11.1140, -17.5160,
9.0760

■ 3.3230, -7.9790,
6.9410

■ 198.2020,
-41.3110, 5.2890

■ 198.2020,
-41.3110, 5.2890

■ 183.0960,
-52.6360, 6.7880

■ 213.3080,
-29.9860, 3.7900

■ 167.6910,
-64.5570, 8.0750

■ 228.7130,
-18.0650, 2.5030

■ 152.5850,
-75.8820, 9.5740

■ 243.8190, -6.7400,
1.0040

■ 137.4790,
-87.2070, 11.0730

■ 254.7720, 0.6420,
-0.6220

■ 122.3730,
-98.5320, 12.5720

■ 106.9680,
-110.4530, 13.8590

■ 100.4560,
-114.7630, 14.8770

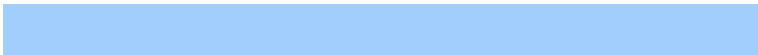
Harmonies

Analogous

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



192.5000, -57.3100, -7.6300



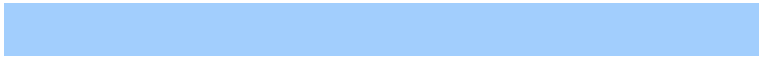
198.2020, -41.3110, 5.2890



203.2270, -16.0960, 16.3840

Triad

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



198.2020, -41.3110, 5.2890



205.0010, 42.9580, 14.4300



195.2410, -11.8250, -22.4890

Complementary

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



198.2020, -41.3110, 5.2890



216.7980, 41.3110, -5.2890

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.



198.2780, 13.1160, -17.4440



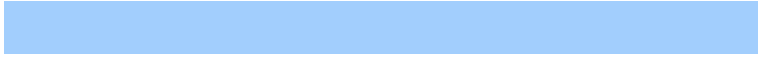
198.2020, -41.3110, 5.2890



203.4380, 42.6850, 2.8530

Square

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



198.2020, -41.3110, 5.2890



205.9970, 31.5860, 22.2900



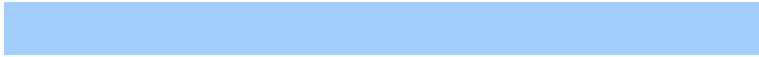
201.1990, 32.6920, -8.7800



191.4800, -37.3630, -22.2190

Rectangle

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



198.2020, -41.3110, 5.2890



205.2570, 1.5550, 21.3870



201.1990, 32.6920, -8.7800



196.2590, -3.0680, -21.5000

Sweetspot

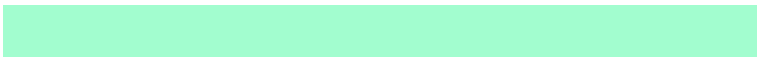
The Sweet Spot groups the original color and five complimentary colors.



198.2020, -41.3110, 5.2890



238.4100, -12.8380, 1.3860



220.5470, -39.4700, -33.5980



117.6340, -7.6570, 1.1030



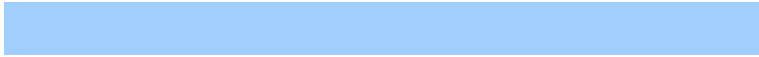
0.0000, 0.0000, 0.0000



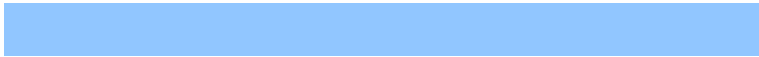
128.0000, -0.0000, -0.0000

Same Dimension

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



198.2020, -41.3110, 5.2890



188.6510, -49.8850, 6.4910



172.3740, -29.2110, 28.3010



120.0040, -5.8230, 0.9050



76.3650, -86.8860, 10.7620



25.4930, -29.0690, 3.6910

Inverse Universe

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



194.2250, 40.1120, 32.9760



183.9320, 48.5470, 39.8030



242.6260, 29.2110, -28.3010



119.5710, 5.8220, 4.6220



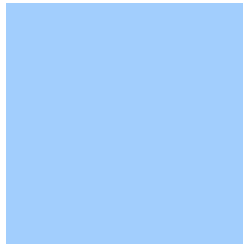
67.7110, 83.9830, 69.4150



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 198.2020, -41.3110, 5.2890 looks on a white background.

Color Contrast Check

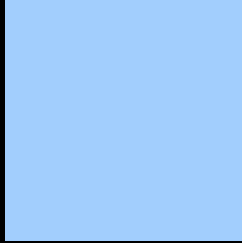
Large Text (above 18pt) WCAG AA × Fail

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 198.2020, -41.3110, 5.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

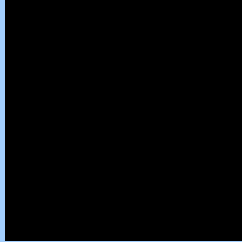
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

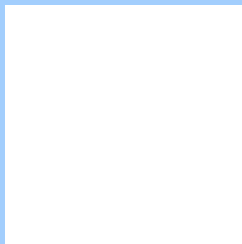
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.2020, -41.3110, 5.2890

Background



This preview shows how black text looks on a background with the YIQ color 198.2020, -41.3110, 5.2890.



This preview shows how white text looks on a background with the YIQ color 198.2020, -41.3110,

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

198.2020, -41.3110, 5.2890

Protanopia

201.8950, -21.0930, 13.3310

Deuteranopia

202.4160, -21.0020, 17.1900



Tritanopia

195.7920, -37.6410, -6.1610

Trichromacy



Original Color

198.2020, -41.3110, 5.2890

Protanomaly

200.8940, -28.5200, 10.2640

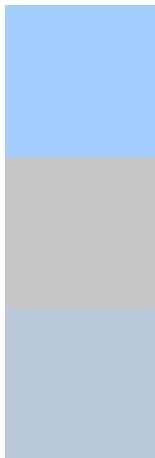
Deuteranomaly

200.7740, -28.0620, 12.9780

Tritanomaly

196.8290, -39.0630, -2.4150

Monochromacy



Original Color

198.2020, -41.3110, 5.2890

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1540, -14.9930, 1.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.2020, -41.3110, 5.2890 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(162, 206, 253)` looks like.

```
.text, #text, p{  
    color:rgb(162, 206, 253)  
}
```

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(162, 206, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 206, 253) }
```

Border

The CSS property to change the border of an element to YIQ 198.2020, -41.3110, 5.2890 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(162, 206, 253) }
```


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

```
.border{ border-color:rgb(162, 206, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 206, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 206, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 206, 253);  
box-shadow:4px 4px 4px 4px rgb(162, 206,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 198.2020, -41.3110, 5.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 206, 253) }
```

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

```
.background{ background-color: rgb(162,  
206, 253) }
```

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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