

Converting Colors

YIQ(197.0250, -72.2100,
-12.9300)

Have a look what the booklet for
YIQ(197.0250, -72.2100, -12.9300)
contains.

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Color

**YIQ(197.0250, -72.2100,
-12.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	78E1FF
RGB	120, 225, 255
RGB Percent	47%, 88%, 100%
CMY	0.5296, 0.1175, 0.0003
CMYK	0.53, 0.12, 0.00, 0.00
HSL	193°, 100%, 74%
HSV	193°, 53%, 100%
XYZ	52.7120, 65.0781, 104.3242
YIQ	197.0250, -72.2100, -12.9300

Conversions

Conversions Part 2

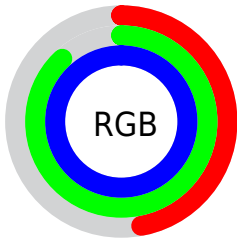
Format	Color
R _Y B	120, 179, 255
Decimal	7922175
CIE Lab	84.52, -22.50, -23.85
CIE LCh	85, 32.787, 226.675
Yxy	65.0781, 0.2373, 0.2930
Android (android.graphics.Color)	4286112255 (0xFF78E1FF)
YUV	197.0250, 28.5817, -67.5509
Hunter-Lab	80.6710, -24.5389, -20.2045

Details

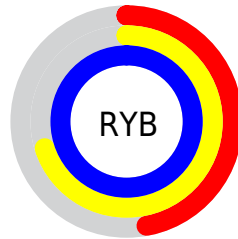
The YIQ color **197.0250, -72.2100, -12.9300** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **177.9750, 72.2100, 12.9300**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.5750, -44.7000, -15.9000**, and **138.5080, -78.1240, -15.8840** is the 20% darker color. If you saturate the color by 10%, you get **185.7290, -86.0560, -15.3040**, and if you desaturate by 10%, it is **208.0220, -58.9600, -10.7680**.

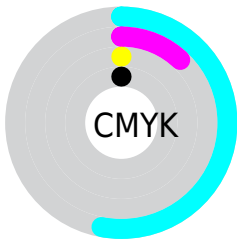
Distribution



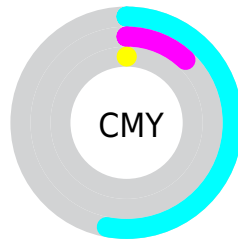
- Red (47%)
- Green (88%)
- Blue (100%)



- Red (47%)
- Yellow (70%)
- Blue (100%)



- Cyan (53%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0250, -72.2100, -12.9300 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 197.0250, -72.2100, -12.9300 by changing the saturation by 10% instead.

■ 197.0250,
-72.2100, -12.9300

■ 197.0250,
-72.2100, -12.9300

■ 255.0000, -0.0000,
-0.0000

■ 168.0140,
-73.6770, -13.8770

■ 232.5750,
-44.7000, -15.9000

■ 138.5080,
-78.1240, -15.8840

■ 241.5450,
-26.8200, -9.5400

■ 103.4350,
-94.2160, -21.6080

■ 250.8140, -8.3440,
-2.9680

■ 85.0950, -78.3990,
-16.4070

■ 67.5700, -63.4990,
-11.1070

■ 51.2190, -49.1490,
-6.8530

■ 34.9820, -35.1200,

-2.2880

■ 20.6200, -22.2370,
1.0190

■ 3.6650, -8.9420,
7.8740

■ 197.0250,
-72.2100, -12.9300

■ 197.0250,
-72.2100, -12.9300

■ 185.7290,
-86.0560, -15.3040

■ 208.0220,
-58.9600, -10.7680

■ 175.3190,
-99.5810, -17.9890

■ 218.7310,
-44.8390, -7.8710

■ 164.0230,
-113.4270, -20.3630

■ 229.7280,
-31.5890, -5.7090

■ 153.0260,
-126.6770, -22.5250

■ 241.0240,
-17.7430, -3.3350

■ 145.2960,
-136.3050, -24.2490

■ 251.4340, -4.2180,
-0.6500

255.0000, -0.0000,
-0.0000

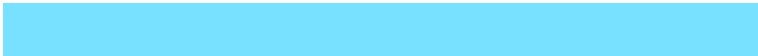
Harmonies

Analogous

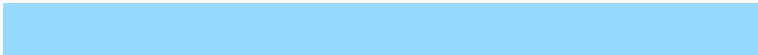
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195.4090, -64.9640, -23.1080



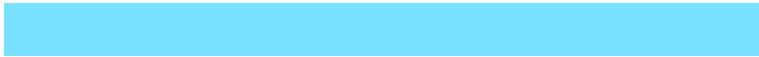
197.0250, -72.2100, -12.9300



202.4840, -51.2130, -2.4850

Triad

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



197.0250, -72.2100, -12.9300



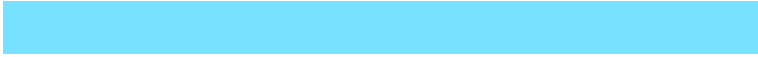
213.5390, 27.1840, 24.9760



207.1170, 20.8190, -19.3810

Complementary

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



197.0250, -72.2100, -12.9300



177.9750, 72.2100, 12.9300

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.



210.5160, 42.0450, -7.5790



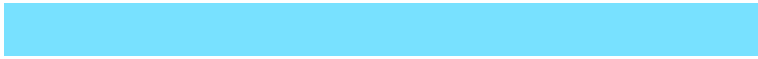
197.0250, -72.2100, -12.9300



209.4180, 37.4100, 15.8580

Square

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



197.0250, -72.2100, -12.9300



215.4580, 5.5430, 26.2070



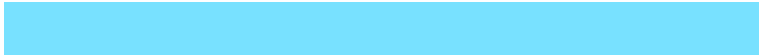
209.1610, 45.0230, 4.5350



203.8730, -7.9730, -26.2210

Rectangle

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



197.0250, -72.2100, -12.9300



207.3450, -31.4080, 7.5360



209.1610, 45.0230, 4.5350



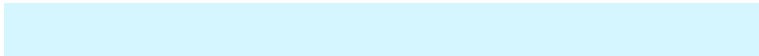
208.4170, 28.8420, -16.1020

Sweetspot

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



197.0250, -72.2100, -12.9300



237.4580, -21.9610, -3.9850



202.5510, -46.4340, -61.5860



117.0030, -13.2500, -2.1620



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.



197.0250, -72.2100, -12.9300



185.1310, -87.2480, -15.7280



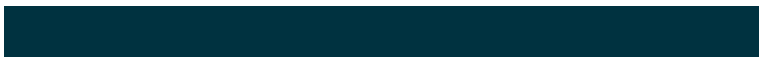
157.6960, -53.7850, 22.1110



122.3520, -6.9230, -1.1870



109.2370, -102.2860, -18.5260



36.6460, -34.2940, -6.2460

Inverse Universe

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



172.3350, 46.7550, 61.2750



155.2150, 56.3810, 74.0530



217.3040, 53.7850, -22.1110



120.0270, 4.5380, 5.8660



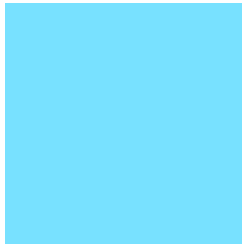
74.0950, 66.0070, 86.8310



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 197.0250, -72.2100, -12.9300 looks on a white background.

Color Contrast Check

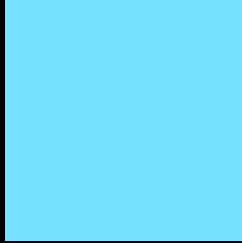
Large Text (above 18pt) WCAG AA × Fail

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 197.0250, -72.2100, -12.9300 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 197.0250, -72.2100, -12.9300 Background



This preview shows how black text looks on a background with the YIQ color 197.0250, -72.2100, -12.9300.



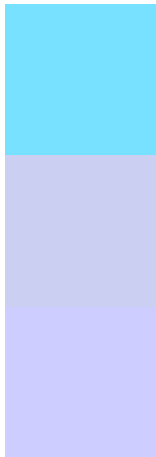
This preview shows how white text looks on a background with the YIQ color 197.0250, -72.2100, -12.9300.

-12.9300.

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

197.0250, -72.2100, -12.9300

Protanopia

210.4950, -14.2150, 9.8250

Deuteranopia

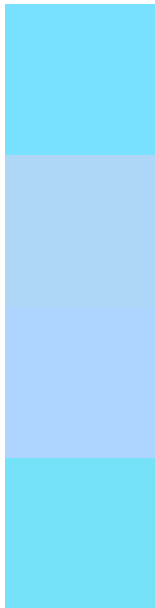
211.2870, -16.3250, 15.0270



Tritanopia

195.8630, -71.9340, -17.9340

Trichromacy



Original Color

197.0250, -72.2100, -12.9300

Protanomaly

205.5030, -35.0290, 1.5710

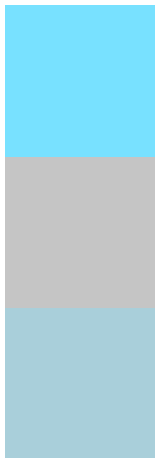
Deuteranomaly

206.1270, -36.7260, 4.7940

Tritanomaly

196.0310, -72.3470, -15.9550

Monochromacy



Original Color

197.0250, -72.2100, -12.9300

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.8920, -26.1790, -4.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.0250, -72.2100, -12.9300 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(120, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 225, 255)  
}
```

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(120, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 225, 255) }
```

Border

The CSS property to change the border of an element to YIQ 197.0250, -72.2100, -12.9300 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(120, 225, 255) }
```


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

```
.border{ border-color:rgb(120, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(120, 225,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 197.0250, -72.2100, -12.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 225, 255) }
```

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

```
.background{ background-color: rgb(120,  
225, 255) }
```

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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