

Converting Colors

YIQ(201.7490, -26.9140, 3.1820)

Have a look what the booklet for
YIQ(201.7490, -26.9140, 3.1820)
contains.

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Color

**YIQ(201.7490, -26.9140,
3.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CFED
RGB	178, 207, 237
RGB Percent	70%, 81%, 93%
CMY	0.3020, 0.1882, 0.0707
CMYK	0.25, 0.13, 0.00, 0.07
HSL	210°, 62%, 81%
HSV	210°, 25%, 93%
XYZ	55.9542, 60.2075, 88.7675
YIQ	201.7490, -26.9140, 3.1820

Conversions

Conversions Part 2

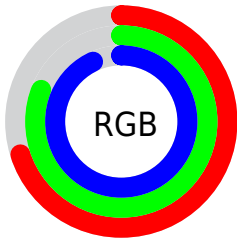
Format	Color
R _Y B	178, 197, 237
Decimal	11718637
CIE Lab	81.95, -3.15, -17.96
CIE LCh	82, 18.230, 260.050
Yxy	60.2075, 0.2730, 0.2938
Android (android.graphics.Color)	4289908717 (0xFFB2CFED)
YUV	201.7490, 17.3787, -20.8279
Hunter-Lab	77.5935, -7.0689, -13.5127

Details

The YIQ color $201.7490, -26.9140, 3.1820$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $213.2510, 26.9140, -3.1820$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, -12.5160, -4.4520$, and $147.5210, -26.2720, 2.5600$ is the 20% darker color. If you saturate the color by 10%, you get $187.5290, -37.9180, 4.3700$, and if you desaturate by 10%, it is $215.9690, -15.9100, 1.9940$.

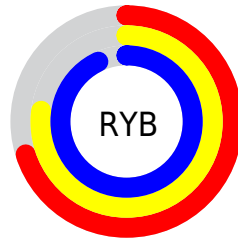
Distribution



Red (70%)

Green (81%)

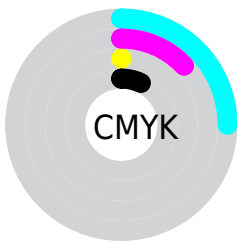
Blue (93%)



Red (70%)

Yellow (77%)

Blue (93%)

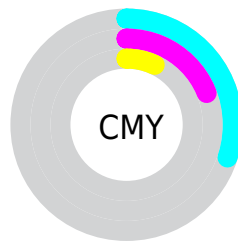


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (19%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.7490, -26.9140, 3.1820 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 201.7490, -26.9140, 3.1820 by changing the saturation by 10% instead.

■ 201.7490,
-26.9140, 3.1820

■ 201.7490,
-26.9140, 3.1820

■ 255.0000, -0.0000,
-0.0000

■ 174.6350,
-26.5930, 2.8710

■ 248.7210,
-12.5160, -4.4520

■ 147.5210,
-26.2720, 2.5600

■ 121.4070,
-25.9510, 2.2490

■ 96.2930, -25.6300,
1.9380

■ 71.8800, -25.9050,
1.4150

■ 48.1680, -26.7760,
0.6800

■ 26.3420, -27.3260,

-0.3660

■ 10.4470, -14.2600,
5.1320

■ 1.1400, -3.2100,
3.1100

■ 201.7490,
-26.9140, 3.1820

■ 201.7490,
-26.9140, 3.1820

■ 187.5290,
-37.9180, 4.3700

■ 215.9690,
-15.9100, 1.9940

■ 173.6080,
-48.3260, 5.7700

■ 229.8900, -5.5020,
0.5940

■ 159.3880,
-59.3300, 6.9580

■ 244.1100, 5.5020,
-0.5940

■ 145.1680,
-70.3340, 8.1460

■ 252.9480, 5.7780,
-5.5980

■ 131.2470,
-80.7420, 9.5460

■ 117.0270,
-91.7460, 10.7340

■ 102.8070,
-102.7500, 11.9220

■ 95.6970,
-108.2520, 12.5160

Harmonies

Analogous

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



198.7000, -34.3860, -4.5780



201.7490, -26.9140, 3.1820



204.6910, -11.8310, 10.6730

Triad

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



201.7490, -26.9140, 3.1820



206.4660, 28.2870, 10.4870



199.8060, -5.8660, -14.8420

Complementary

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



201.7490, -26.9140, 3.1820



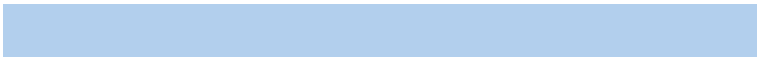
213.2510, 26.9140, -3.1820

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.



201.8250, 10.3180, -10.7860



201.7490, -26.9140, 3.1820



205.3210, 29.8930, 3.4050

Square

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



201.7490, -26.9140, 3.1820



206.9090, 19.8500, 14.7140



204.0440, 23.0630, -4.9770



197.7210, -21.6840, -14.5160

Rectangle

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



201.7490, -26.9140, 3.1820



206.4320, -0.7360, 13.3440



204.0440, 23.0630, -4.9770



200.2690, 0.1400, -13.5560

Sweetspot

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



201.7490, -26.9140, 3.1820



244.3350, -8.2530, 0.8910



215.9390, -25.5340, -21.8380



121.1890, -4.9060, 0.8060



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.



201.7490, -26.9140, 3.1820



209.3830, -34.5710, 4.2850



184.7260, -18.9390, 18.3490



110.1890, -4.9060, 0.8060



72.8770, -82.5760, 9.7440



21.4180, -24.4840, 3.1960

Inverse Universe

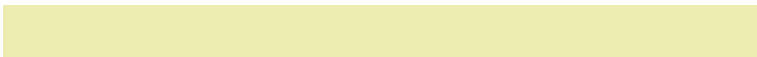
The Inverse Universe completely reimagines the original color for something new.



198.9470, 25.8550, 21.5270



205.9420, 33.4190, 27.6190



230.2740, 18.9390, -18.3490



109.8590, 4.9510, 3.8870



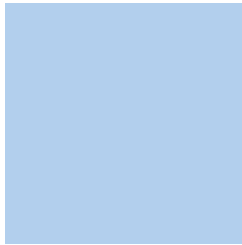
64.2650, 79.3070, 66.0510



19.1100, 23.8380, 19.5340

Previews

White Background



This preview shows how the YIQ color 201.7490, -26.9140, 3.1820 looks on a white background.

Color Contrast Check

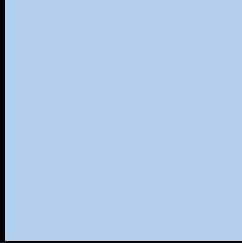
Large Text (above 18pt) WCAG AA × Fail

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 201.7490, -26.9140, 3.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

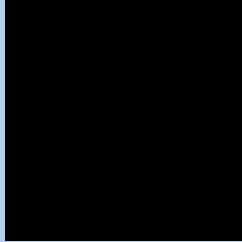
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

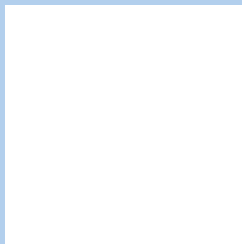
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.7490, -26.9140, 3.1820

Background



This preview shows how black text looks on a background with the YIQ color 201.7490, -26.9140, 3.1820.



This preview shows how white text looks on a background with the YIQ color 201.7490, -26.9140,

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

201.7490, -26.9140, 3.1820

Protanopia

204.4520, -12.6560, 9.1040

Deuteranopia

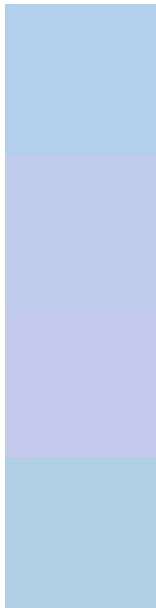
205.6530, -8.6680, 13.9240



Tritanopia

201.0710, -25.1250, -1.7090

Trichromacy



Original Color

201.7490, -26.9140, 3.1820

Protanomaly

203.6470, -17.6990, 6.8850

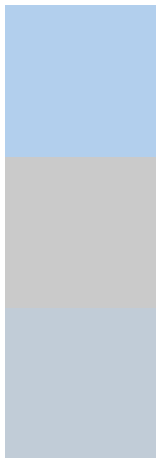
Deuteranomaly

204.3100, -15.1320, 9.9240

Tritanomaly

201.2390, -25.5380, 0.2700

Monochromacy



Original Color

201.7490, -26.9140, 3.1820

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.9650, -10.0870, 1.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.7490, -26.9140, 3.1820 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(178, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(178, 207, 237)  
}
```

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(178, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 207, 237) }
```

Border

The CSS property to change the border of an element to YIQ 201.7490, -26.9140, 3.1820 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(178, 207, 237) }
```


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

```
.border{ border-color:rgb(178, 207, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 207, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(178, 207,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 201.7490, -26.9140, 3.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 207, 237) }
```

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

```
.background{ background-color: rgb(178,  
207, 237) }
```

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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