

Converting Colors

YIQ(220.2900, -12.3800, 4.1000)

Have a look what the booklet for
YIQ(220.2900, -12.3800, 4.1000)
contains.

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Color

**YIQ(220.2900, -12.3800,
4.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DDF1
RGB	211, 221, 241
RGB Percent	83%, 87%, 95%
CMY	0.1726, 0.1333, 0.0550
CMYK	0.12, 0.08, 0.00, 0.05
HSL	220°, 52%, 89%
HSV	220°, 12%, 95%
XYZ	68.5954, 71.9135, 93.4715
YIQ	220.2900, -12.3800, 4.1000

Conversions

Conversions Part 2

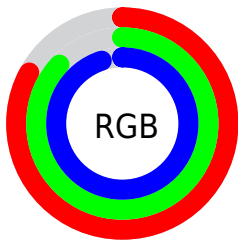
Format	Color
R _Y B	211, 219, 241
Decimal	13884913
CIE Lab	87.93, 0.53, -10.90
CIE LCh	88, 10.909, 272.795
Yxy	71.9135, 0.2932, 0.3073
Android (android.graphics.Color)	4292074993 (0xFFD3DDF1)
YUV	220.2900, 10.2100, -8.1473
Hunter-Lab	84.8018, -4.0161, -5.9902

Details

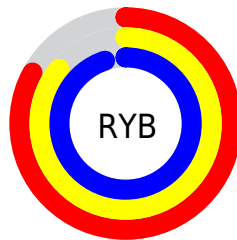
The YIQ color $220.2900, -12.3800, 4.1000$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $231.7100, 12.3800, -4.1000$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.1760, -12.0590, 3.7890$ is the 20% darker color. If you saturate the color by 10%, you get $203.7220, -22.2840, 7.3800$, and if you desaturate by 10%, it is $236.8580, -2.4760, 0.8200$.

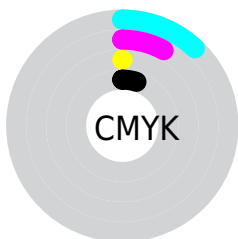
Distribution



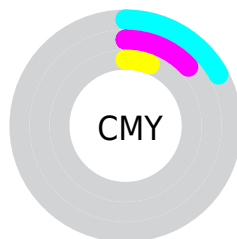
- Red (83%)
- Green (87%)
- Blue (95%)



- Red (83%)
- Yellow (86%)
- Blue (95%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2900, -12.3800, 4.1000 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 220.2900, -12.3800, 4.1000 by changing the saturation by 10% instead.

■ 220.2900,
-12.3800, 4.1000

■ 220.2900,
-12.3800, 4.1000

255.0000, -0.0000,
-0.0000

■ 192.2900,
-12.3800, 4.1000

■ 165.1760,
-12.0590, 3.7890

■ 139.0620,
-11.7380, 3.4780

■ 113.3610,
-11.1420, 3.6900

■ 88.9480, -11.4170,
3.1670

■ 65.1330, -10.5000,
3.0680

■ 43.0190, -10.1790,

2.7570

■ 22.6060, -10.4540,
2.2340

■ 2.5250, -5.7320,
4.7640

■ 220.2900,
-12.3800, 4.1000

■ 220.2900,
-12.3800, 4.1000

■ 203.7220,
-22.2840, 7.3800

■ 236.8580, -2.4760,
0.8200

■ 187.1540,
-32.1880, 10.6600

■ 252.2300, 5.0440,
-3.3080

■ 170.5860,
-42.0920, 13.9400

■ 253.4040, 4.4940,
-4.3540

■ 154.0180,
-51.9960, 17.2200

■ 137.4500,
-61.9000, 20.5000

■ 120.5830,
-72.4000, 23.5680

■ 104.0150,
-82.3040, 26.8480

■ 87.4470, -92.2080,
30.1280

■ 74.4340, -99.3610,
33.1110

Harmonies

Analogous

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



218.5340, -19.1190, -0.4230



220.2900, -12.3800, 4.1000



222.0740, -2.8440, 7.4920

Triad

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



220.2900, -12.3800, 4.1000



222.2150, 18.5680, 4.9040



218.0110, -7.7010, -9.1170

Complementary

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



220.2900, -12.3800, 4.1000



231.7100, 12.3800, -4.1000

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.



218.6270, 2.2480, -7.7040



220.2900, -12.3800, 4.1000



221.5690, 17.3310, -0.2130

Square

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



220.2900, -12.3800, 4.1000



223.0560, 14.7620, 7.8020



220.1120, 11.1880, -4.5240



217.3460, -15.9540, -8.2260

Rectangle

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



220.2900, -12.3800, 4.1000



222.7220, 4.0790, 8.6790



220.1120, 11.1880, -4.5240



218.2780, -4.0790, -8.6790

Sweetspot

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



220.2900, -12.3800, 4.1000



247.9010, -4.0350, 1.5410



230.7760, -14.3490, -9.7810



122.9720, -2.7970, 1.1310



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.



220.2900, -12.3800, 4.1000



228.9630, -15.7730, 5.0190



215.6160, -7.2460, 10.1780



111.7160, -4.9520, 1.6400



56.7830, -75.8390, 25.3210



17.5370, -23.2010, 7.4790

Inverse Universe

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



221.1100, 14.6700, 9.4700



229.8440, 18.4750, 12.0990



236.0850, 6.6500, -10.3900



112.0440, 5.8680, 3.7880



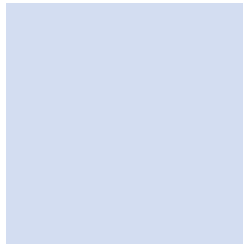
61.9700, 90.0830, 57.9790



18.9100, 27.2770, 17.7810

Previews

White Background



This preview shows how the YIQ color 220.2900, -12.3800, 4.1000 looks on a white background.

Color Contrast Check

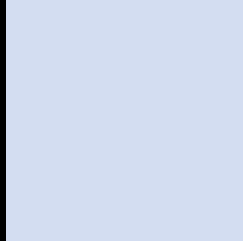
Large Text (above 18pt) WCAG AA × Fail

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 220.2900, -12.3800, 4.1000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

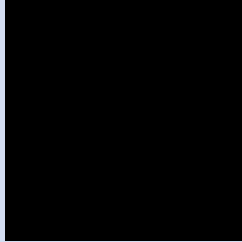
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.2900, -12.3800, 4.1000

Background



This preview shows how black text looks on a background with the YIQ color 220.2900, -12.3800, 4.1000.



This preview shows how white text looks on a background with the YIQ color 220.2900, -12.3800,

4.1000.

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

220.2900, -12.3800, 4.1000

Protanopia

221.3940, -6.7410, 6.5310

Deuteranopia

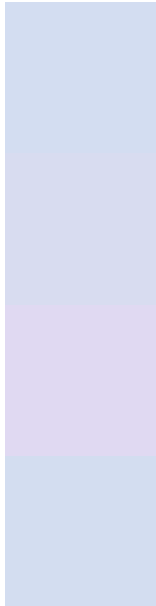
222.5740, 1.7400, 12.5240



Tritanopia

220.0620, -11.7380, 3.4780

Trichromacy



Original Color

220.2900, -12.3800, 4.1000

Protanomaly

221.0840, -8.8040, 5.3720

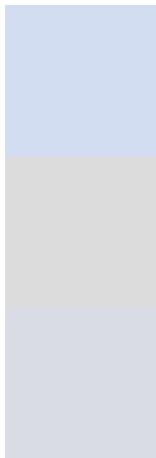
Deuteranomaly

221.9430, -3.8530, 9.2590

Tritanomaly

220.1760, -12.0590, 3.7890

Monochromacy



Original Color

220.2900, -12.3800, 4.1000

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0150, -4.3560, 1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2900, -12.3800, 4.1000 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(211, 221, 241)` looks like.

```
.text, #text, p{  
    color:rgb(211, 221, 241)  
}
```

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(211, 221, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 221, 241) }
```

Border

The CSS property to change the border of an element to YIQ 220.2900, -12.3800, 4.1000 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(211, 221, 241) }
```


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

```
.border{ border-color:rgb(211, 221, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 221, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 221, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 221, 241);  
box-shadow:4px 4px 4px 4px rgb(211, 221,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2900, -12.3800, 4.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 221, 241) }
```

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

```
.background{ background-color: rgb(211,  
221, 241) }
```

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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