

Converting Colors

YIQ(204.9300, -11.0060,
12.2420)

Have a look what the booklet for
YIQ(204.9300, -11.0060, 12.2420)
contains.

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Color

**YIQ(204.9300, -11.0060,
12.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC8EE
RGB	202, 200, 238
RGB Percent	79%, 78%, 93%
CMY	0.2078, 0.2157, 0.0667
CMYK	0.15, 0.16, 0.00, 0.07
HSL	243°, 53%, 86%
HSV	243°, 16%, 93%
XYZ	60.4431, 60.0377, 89.2773
YIQ	204.9300, -11.0060, 12.2420

Conversions

Conversions Part 2

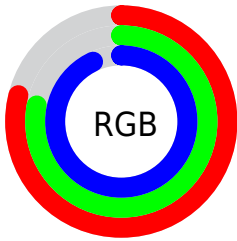
Format	Color
R _Y B	202, 200, 238
Decimal	13289710
CIE Lab	81.86, 8.17, -18.47
CIE LCh	82, 20.196, 293.851
Yxy	60.0377, 0.2882, 0.2862
Android (android.graphics.Color)	4291479790 (0xFFCAC8EE)
YUV	204.9300, 16.3035, -2.5696
Hunter-Lab	77.4840, 3.6457, -14.0753

Details

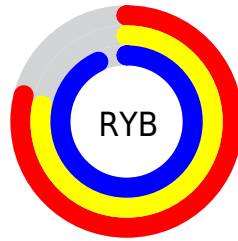
The YIQ color $204.9300, -11.0060, 12.2420$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $233.0700, 11.0060, -12.2420$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $150.7020, -10.3640, 11.6200$ is the 20% darker color. If you saturate the color by 10%, you get $183.9650, -18.1140, 19.9180$, and if you desaturate by 10%, it is $225.8950, -3.8980, 4.5660$.

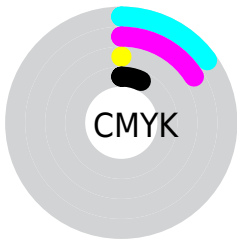
Distribution



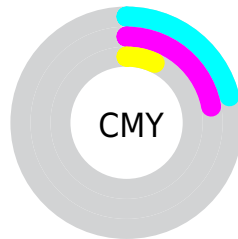
- Red (79%)
- Green (78%)
- Blue (93%)



- Red (79%)
- Yellow (78%)
- Blue (93%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.9300, -11.0060, 12.2420 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 204.9300, -11.0060, 12.2420 by changing the saturation by 10% instead.

■ 204.9300,
-11.0060, 12.2420

■ 204.9300,
-11.0060, 12.2420

255.0000, -0.0000,
-0.0000

■ 177.5170,
-11.2810, 11.7190

■ 150.7020,
-10.3640, 11.6200

■ 124.5880,
-10.0430, 11.3090

■ 99.7620, -10.5930,
10.2630

■ 75.6480, -10.2720,
9.9520

■ 53.1210, -10.2260,
9.1180

■ 31.5940, -10.1800,

8.2840

■ 6.6590, -8.8050,
10.8990

■ 1.2540, -3.5310,
3.4210

■ 204.9300,
-11.0060, 12.2420

■ 204.9300,
-11.0060, 12.2420

■ 183.9650,
-18.1140, 19.9180

■ 225.8950, -3.8980,
4.5660

■ 163.2990,
-24.6260, 27.8060

■ 246.5610, 2.6140,
-3.3220

■ 142.9210,
-32.0090, 34.9590

■ 253.0620, 5.4570,
-5.2870

■ 122.2550,
-38.5210, 42.8470

■ 101.2900,
-45.6290, 50.5230

■ 80.6240, -52.1410,
58.4110

■ 59.6590, -59.2490,
66.0870

■ 39.5800, -66.0360,
73.4520

■ 31.0190, -68.6500,
76.7740

Harmonies

Analogous

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



201.3190, -28.5190, 4.7370



204.9300, -11.0060, 12.2420



206.9170, 8.2040, 16.5240

Triad

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



204.9300, -11.0060, 12.2420



205.1640, 31.7730, 2.3730



196.7420, -26.1770, -15.6890

Complementary

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



204.9300, -11.0060, 12.2420



233.0700, 11.0060, -12.2420

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.



198.8980, -9.1210, -16.4250



204.9300, -11.0060, 12.2420



203.2890, 23.7510, -6.4330

Square

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



204.9300, -11.0060, 12.2420



206.3200, 31.6340, 10.4020



201.1730, 9.2180, -12.8780



196.2170, -37.6400, -11.6880

Rectangle

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



204.9300, -11.0060, 12.2420



206.8920, 18.5200, 16.7920



201.1730, 9.2180, -12.8780



197.4390, -20.9500, -16.8060

Sweetspot

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



204.9300, -11.0060, 12.2420



243.7810, -3.5770, 4.2550



225.4640, -22.0980, -7.0100



120.9120, -2.5680, 2.4880



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.



204.9300, -11.0060, 12.2420



213.0700, -14.2160, 15.3520



210.6110, 0.3180, 16.2700



109.3680, -3.8520, 3.7320



23.9660, -53.1040, 59.3440



7.2810, -16.1880, 18.0520

Inverse Universe

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



215.4660, 11.0920, 19.2520



226.4820, 14.1630, 24.1710



227.3890, -0.3180, -16.2700



112.8420, 3.6210, 5.9650



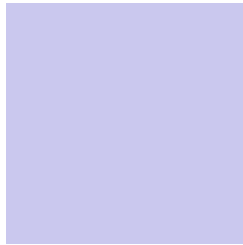
74.8520, 53.8100, 93.1220



22.7860, 16.3630, 28.3550

Previews

White Background



This preview shows how the YIQ color 204.9300, -11.0060, 12.2420 looks on a white background.

Color Contrast Check

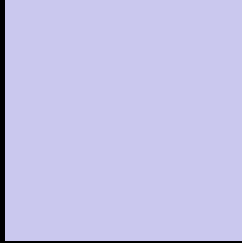
Large Text (above 18pt) WCAG AA × Fail

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 204.9300, -11.0060, 12.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

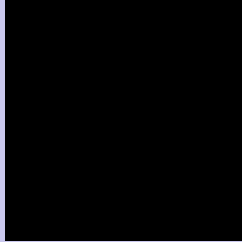
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.9300, -11.0060, 12.2420

Background



This preview shows how black text looks on a background with the YIQ color 204.9300, -11.0060, 12.2420.



This preview shows how white text looks on a background with the YIQ color 204.9300, -11.0060,

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

204.9300, -11.0060, 12.2420

Protanopia

204.4240, -15.4530, 10.2350

Deuteranopia

205.5390, -8.3470, 13.6130



Tritanopia

203.6280, -7.5200, 4.1280

Trichromacy



Original Color

204.9300, -11.0060, 12.2420

Protanomaly

204.4350, -13.9860, 11.1820

Deuteranomaly

205.2400, -8.9430, 13.4010

Tritanomaly

204.1380, -8.8960, 7.0400

Monochromacy



Original Color

204.9300, -11.0060, 12.2420

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8950, -3.8980, 4.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.9300, -11.0060, 12.2420 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(202, 200, 238)` looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 238)  
}
```

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(202, 200, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 238) }
```

Border

The CSS property to change the border of an element to YIQ 204.9300, -11.0060, 12.2420 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(202, 200, 238) }
```


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

```
.border{ border-color:rgb(202, 200, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 200, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 238);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 204.9300, -11.0060, 12.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 238) }
```

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

```
.background{ background-color: rgb(202,  
200, 238) }
```

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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