

Converting Colors

YIQ(206.2900, -3.2120, 14.1640)

Have a look what the booklet for
YIQ(206.2900, -3.2120, 14.1640)
contains.

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Color

**YIQ(206.2900, -3.2120,
14.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C6EA
RGB	212, 198, 234
RGB Percent	83%, 78%, 92%
CMY	0.1686, 0.2235, 0.0824
CMYK	0.09, 0.15, 0.00, 0.08
HSL	263°, 46%, 85%
HSV	263°, 15%, 92%
XYZ	62.1980, 60.3246, 86.1997
YIQ	206.2900, -3.2120, 14.1640

Conversions

Conversions Part 2

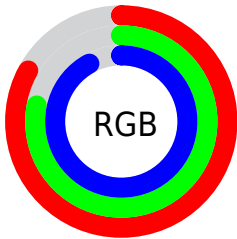
Format	Color
R _Y B	212, 198, 234
Decimal	13944554
CIE Lab	82.01, 11.62, -16.03
CIE LCh	82, 19.795, 305.937
Yxy	60.3246, 0.2980, 0.2890
Android (android.graphics.Color)	4292134634 (0xFFD4C6EA)
YUV	206.2900, 13.6610, 5.0077
Hunter-Lab	77.6689, 7.0240, -11.4339

Details

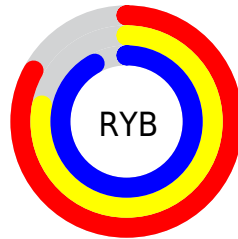
The YIQ color $206.2900, -3.2120, 14.1640$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $225.7100, 3.2120, -14.1640$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $151.7630, -3.1660, 13.3300$ is the 20% darker color. If you saturate the color by 10%, you get $188.6030, -5.2310, 23.2250$, and if you desaturate by 10%, it is $223.9770, -1.1930, 5.1030$.

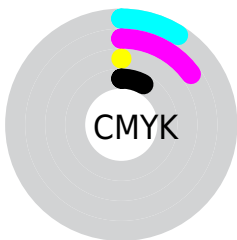
Distribution



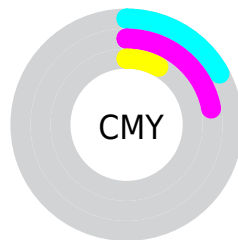
- Red (83%)
- Green (78%)
- Blue (92%)



- Red (83%)
- Yellow (78%)
- Blue (92%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.2900, -3.2120, 14.1640 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 206.2900, -3.2120, 14.1640 by changing the saturation by 10% instead.

■ 206.2900, -3.2120,
14.1640

■ 206.2900, -3.2120,
14.1640

255.0000, -0.0000,
-0.0000

■ 178.8770, -3.4870,
13.6410

■ 151.7630, -3.1660,
13.3300

■ 126.2360, -3.1200,
12.4960

■ 101.2360, -3.1200,
12.4960

■ 76.7090, -3.0740,
11.6620

■ 54.1820, -3.0280,
10.8280

■ 32.7690, -3.3030,

10.3050

■ 8.8450, -0.4610,
13.8670

■ 0.5700, -1.6050,
1.5550

■ 206.2900, -3.2120,
14.1640

■ 206.2900, -3.2120,
14.1640

■ 188.6030, -5.2310,
23.2250

■ 223.9770, -1.1930,
5.1030

■ 170.0300, -7.5710,
32.5970

■ 242.5500, 1.1470,
-4.2690

■ 152.3430, -9.5900,
41.6580

■ 252.6060, 6.7410,
-6.5310

■ 134.0690,
-11.3340, 51.2420

■ 116.3820,
-13.3530, 60.3030

■ 98.3960, -15.9680,
69.1520

■ 80.1220, -17.7120,
78.7360

■ 62.4350, -19.7310,
87.7970

■ 53.8850, -20.8780,
92.0660

Harmonies

Analogous

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



203.4340, -21.4130, 8.1150



206.2900, -3.2120, 14.1640



207.3260, 14.3020, 16.1420

Triad

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



206.2900, -3.2120, 14.1640



205.0880, 28.9310, -1.1890



197.0450, -31.4040, -14.5720

Complementary

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



206.2900, -3.2120, 14.1640



225.7100, 3.2120, -14.1640

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.



198.1900, -15.8150, -16.2550



206.2900, -3.2120, 14.1640



203.0710, 18.4330, -9.1750

Square

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



206.2900, -3.2120, 14.1640



206.5110, 32.4140, 7.2780



200.5250, 2.2950, -14.0650



197.6130, -38.6950, -9.0870

Rectangle

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



206.2900, -3.2120, 14.1640



207.4750, 24.0680, 15.3640



200.5250, 2.2950, -14.0650



197.5570, -27.0940, -15.5900

Sweetspot

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



206.2900, -3.2120, 14.1640



244.9770, -1.1930, 5.1030



215.0180, -17.6060, -0.3100



121.8090, -0.7800, 3.1240



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.



206.2900, -3.2120, 14.1640



219.6260, -4.0380, 18.1220



211.6720, 7.5160, 17.9800



108.4500, -1.1470, 4.2690



41.8630, -15.7850, 71.3430



12.4350, -4.8180, 21.2460

Inverse Universe

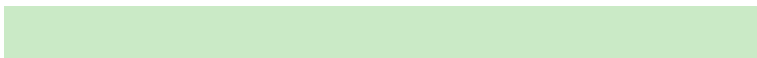
The Inverse Universe completely reimagines the original color for something new.



211.2720, 14.3940, 14.4740



225.9460, 18.4280, 18.4600



220.3280, -7.5160, -17.9800



110.0870, 4.3090, 4.5090



66.7730, 72.2450, 72.8930



19.9080, 21.5910, 21.7110

Previews

White Background



This preview shows how the YIQ color 206.2900, -3.2120, 14.1640 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 206.2900, -3.2120, 14.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

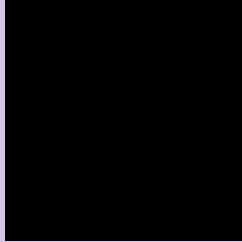
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.2900, -3.2120, 14.1640

Background



This preview shows how black text looks on a background with the YIQ color 206.2900, -3.2120, 14.1640.



This preview shows how white text looks on a background with the YIQ color 206.2900, -3.2120,

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

206.2900, -3.2120, 14.1640

Protanopia

204.7940, -13.6190, 10.0370

Deuteranopia

206.2790, -4.6790, 13.2170



Tritanopia

205.2160, -0.3680, 6.6720

Trichromacy



Original Color

206.2900, -3.2120, 14.1640

Protanomaly

205.5880, -10.0430, 11.3090

Deuteranomaly

206.5780, -4.0830, 13.4290

Tritanomaly

205.6120, -1.4230, 9.2730

Monochromacy



Original Color

206.2900, -3.2120, 14.1640

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.9770, -1.1930, 5.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.2900, -3.2120, 14.1640 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(212, 198, 234)` looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 234)  
}
```

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(212, 198, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 234) }
```

Border

The CSS property to change the border of an element to YIQ 206.2900, -3.2120, 14.1640 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(212, 198, 234) }
```


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

```
.border{ border-color:rgb(212, 198, 234) }
```

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

Here you see how a box with a 4 pixel rgb(212, 198, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 198, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 198, 234);  
box-shadow:4px 4px 4px 4px rgb(212, 198,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 206.2900, -3.2120, 14.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 234) }
```

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

```
.background{ background-color: rgb(212,  
198, 234) }
```

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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