

Converting Colors

YIQ(206.6450, -6.1900, 2.0500)

Have a look what the booklet for
YIQ(206.6450, -6.1900, 2.0500)
contains.

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Color

**YIQ(206.6450, -6.1900,
2.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	CACFD9
RGB	202, 207, 217
RGB Percent	79%, 81%, 85%
CMY	0.2078, 0.1882, 0.1490
CMYK	0.07, 0.05, 0.00, 0.15
HSL	220°, 16%, 82%
HSV	220°, 7%, 85%
XYZ	59.1934, 62.1924, 74.5245
YIQ	206.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

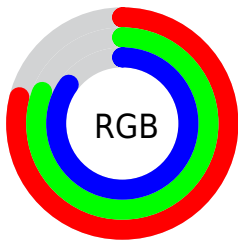
Format	Color
RYP	202, 206, 217
Decimal	13291481
CIE Lab	83.02, 0.20, -5.54
CIE LCh	83, 5.543, 272.025
Yxy	62.1924, 0.3021, 0.3175
Android (android.graphics.Color)	4291481561 (0xFFCACFD9)
YUV	206.6450, 5.1050, -4.0737
Hunter-Lab	78.8621, -4.0278, -0.8254

Details

The YIQ color $206.6450, -6.1900, 2.0500$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $212.3550, 6.1900, -2.0500$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $152.5310, -5.8690, 1.7390$ is the 20% darker color. If you saturate the color by 10%, you get $191.8490, -15.4520, 4.7080$, and if you desaturate by 10%, it is $221.4410, 3.0720, -0.6080$.

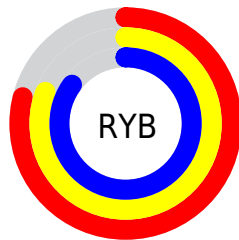
Distribution



Red (79%)

Green (81%)

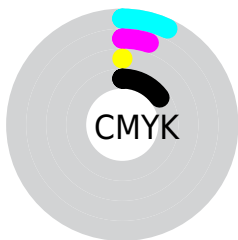
Blue (85%)



Red (79%)

Yellow (81%)

Blue (85%)

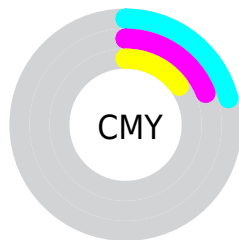


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (21%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.6450, -6.1900, 2.0500 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 206.6450, -6.1900, 2.0500 by changing the saturation by 10% instead.

■ 206.6450, -6.1900,
2.0500

■ 206.6450, -6.1900,
2.0500

255.0000, -0.0000,
-0.0000

■ 178.9440, -5.5940,
2.2620

■ 152.5310, -5.8690,
1.7390

■ 126.5310, -5.8690,
1.7390

■ 101.5310, -5.8690,
1.7390

■ 77.4170, -5.5480,
1.4280

■ 54.7160, -4.9520,
1.6400

■ 33.6020, -4.6310,

1.3290

■ 10.3460, -6.7860,
1.8380

■ 0.0000, 0.0000,
0.0000

■ 206.6450, -6.1900,
2.0500

■ 206.6450, -6.1900,
2.0500

■ 191.8490,
-15.4520, 4.7080

■ 221.4410, 3.0720,
-0.6080

■ 176.7650,
-23.8430, 8.1010

■ 236.5250, 11.4630,
-4.0010

■ 161.9690,
-33.1050, 10.7590

■ 247.7330, 13.5730,
-9.2030

■ 146.5860,
-42.0920, 13.9400

■ 250.6680, 12.1980,
-11.8180

■ 132.0890,
-50.7580, 16.8100

■ 116.7060,
-59.7450, 19.9910

■ 101.9100,
-69.0070, 22.6490

■ 86.5270, -77.9940,
25.8300

■ 72.0300, -86.6600,
28.7000

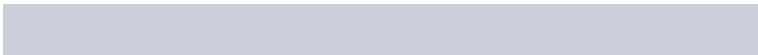
Harmonies

Analogous

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



206.2100, -9.3990, -0.3670



206.6450, -6.1900, 2.0500



207.1510, -1.7430, 4.0570

Triad

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



206.6450, -6.1900, 2.0500



207.8440, 9.3070, 2.0350



205.2120, -3.7130, -4.2970

Complementary

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



206.6450, -6.1900, 2.0500



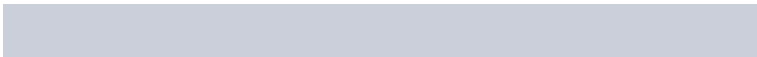
212.3550, 6.1900, -2.0500

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.



205.9630, 1.4220, -3.7460



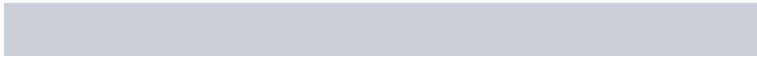
206.6450, -6.1900, 2.0500



207.4910, 8.8030, 0.1550

Square

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



206.6450, -6.1900, 2.0500



207.9410, 7.6560, 4.4240



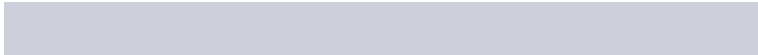
206.3550, 6.1900, -2.0500



205.1730, -7.9770, -4.1130

Rectangle

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



206.6450, -6.1900, 2.0500



207.4180, 1.8790, 4.4950



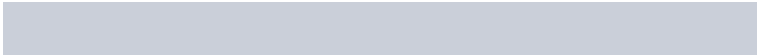
206.3550, 6.1900, -2.0500



205.5820, -1.8790, -4.4950

Sweetspot

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



206.6450, -6.1900, 2.0500



251.7440, -2.1550, 0.5090



211.9450, -7.3350, -4.7350



125.9290, -1.2380, 0.4100



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.



206.6450, -6.1900, 2.0500



240.8020, -8.0700, 3.0820



204.3080, -3.6230, 5.0890



102.0150, -4.3560, 1.8520



53.7680, -71.4830, 23.4690



14.0490, -18.8910, 6.4610

Inverse Universe

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



207.0550, 7.3350, 4.7350



241.6640, 9.9940, 6.1060



214.6920, 3.6230, -5.0890



102.6310, 5.5930, 3.2650



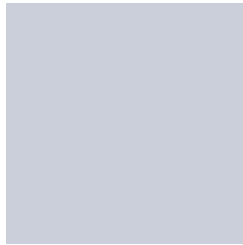
58.3390, 84.4900, 54.7140



15.4640, 22.6010, 14.4170

Previews

White Background



This preview shows how the YIQ color 206.6450, -6.1900, 2.0500 looks on a white background.

Color Contrast Check

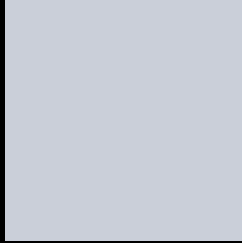
Large Text (above 18pt) WCAG AA × Fail

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 206.6450, -6.1900, 2.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

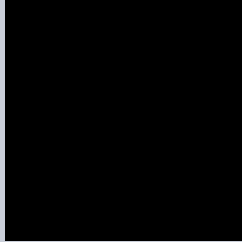
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

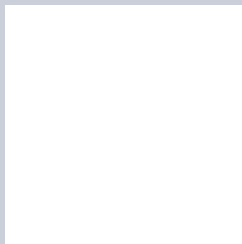
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 206.6450, -6.1900, 2.0500

Background



This preview shows how black text looks on a background with the YIQ color 206.6450, -6.1900, 2.0500.



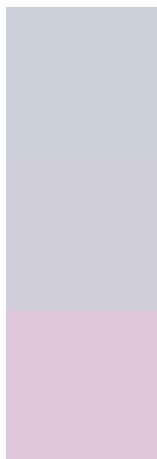
This preview shows how white text looks on a background with the YIQ color 206.6450, -6.1900,

2.0500.

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

206.6450, -6.1900, 2.0500

Protanopia

206.8520, -2.3390, 3.8450

Deuteranopia

208.9180, 6.4630, 9.5270



Tritanopia

206.9270, -6.9240, 4.3400

Trichromacy



Original Color

206.6450, -6.1900, 2.0500

Protanomaly

206.8410, -3.8060, 2.8980

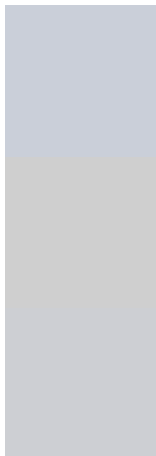
Deuteranomaly

207.9990, 1.7410, 6.9970

Tritanomaly

206.6990, -6.2820, 3.7180

Monochromacy



Original Color

206.6450, -6.1900, 2.0500

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.8580, -2.4760, 0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6450, -6.1900, 2.0500 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, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 217)  
}
```

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, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 217) }
```

Border

The CSS property to change the border of an element to YIQ 206.6450, -6.1900, 2.0500 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, 207, 217) }
```


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

```
.border{ border-color:rgb(202, 207, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6450, -6.1900, 2.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 217) }
```

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

```
.background{ background-color: rgb(202,  
207, 217) }
```

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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