

Converting Colors

YIQ(225.6450, -6.1900, 2.0500)

Have a look what the booklet for
YIQ(225.6450, -6.1900, 2.0500)
contains.

YIQ(225.6450, -6.1900, 2.0500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(225.6450, -6.1900,
2.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2EC
RGB	221, 226, 236
RGB Percent	87%, 89%, 93%
CMY	0.1333, 0.1137, 0.0745
CMYK	0.06, 0.04, 0.00, 0.07
HSL	220°, 28%, 90%
HSV	220°, 6%, 93%
XYZ	72.1544, 75.8214, 90.1827
YIQ	225.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

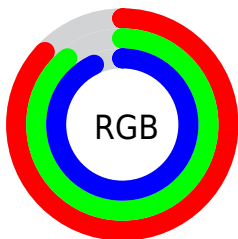
Format	Color
R _Y B	221, 225, 236
Decimal	14541548
CIE Lab	89.78, 0.19, -5.45
CIE LCh	90, 5.454, 271.958
Yxy	75.8214, 0.3030, 0.3184
Android (android.graphics.Color)	4292731628 (0xFFDDE2EC)
YUV	225.6450, 5.1050, -4.0737
Hunter-Lab	87.0755, -4.4696, -0.4528

Details

The YIQ color $225.6450, -6.1900, 2.0500$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $231.3550, 6.1900, -2.0500$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.5310, -5.8690, 1.7390$ is the 20% darker color. If you saturate the color by 10%, you get $209.0770, -16.0940, 5.3300$, and if you desaturate by 10%, it is $242.2130, 3.7140, -1.2300$.

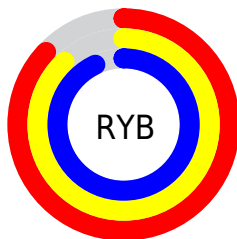
Distribution



Red (87%)

Green (89%)

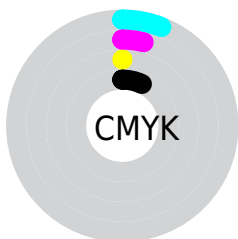
Blue (93%)



Red (87%)

Yellow (88%)

Blue (93%)

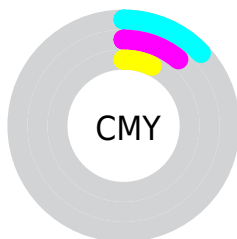


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.6450, -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 225.6450, -6.1900, 2.0500 by changing the saturation by 10% instead.

■ 225.6450, -6.1900,
2.0500

■ 225.6450, -6.1900,
2.0500

255.0000, -0.0000,
-0.0000

■ 197.6450, -6.1900,
2.0500

■ 170.5310, -5.8690,
1.7390

■ 143.8300, -5.2730,
1.9510

■ 118.5310, -5.8690,
1.7390

■ 93.7160, -4.9520,
1.6400

■ 69.7160, -4.9520,
1.6400

■ 47.7160, -4.9520,

1.6400

■ 26.6020, -4.6310,
1.3290

■ 1.3680, -3.8520,
3.7320

■ 225.6450, -6.1900,
2.0500

■ 225.6450, -6.1900,
2.0500

■ 209.0770,
-16.0940, 5.3300

■ 242.2130, 3.7140,
-1.2300

■ 193.3950,
-25.6770, 8.2990

■ 252.8340, 6.0990,
-5.9090

■ 176.8270,
-35.5810, 11.5790

■ 160.5580,
-44.8890, 15.0710

■ 143.9900,
-54.7930, 18.3510

■ 128.0090,
-64.9720, 21.1080

■ 111.7400,
-74.2800, 24.6000

■ 95.1720, -84.1840,
27.8800

■ 79.4900, -93.7670,
30.8490

Harmonies

Analogous

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



225.2100, -9.3990, -0.3670



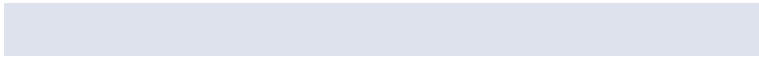
225.6450, -6.1900, 2.0500



226.1510, -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.



225.6450, -6.1900, 2.0500



226.8440, 9.3070, 2.0350



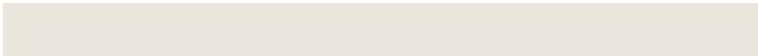
224.2120, -3.7130, -4.2970

Complementary

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



225.6450, -6.1900, 2.0500



231.3550, 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.



224.9630, 1.4220, -3.7460



225.6450, -6.1900, 2.0500



226.4910, 8.8030, 0.1550

Square

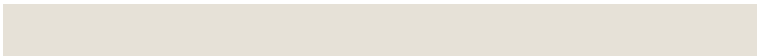
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.6450, -6.1900, 2.0500



226.9410, 7.6560, 4.4240



225.3550, 6.1900, -2.0500



224.1730, -7.9770, -4.1130

Rectangle

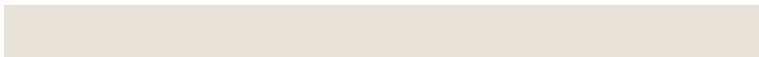
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.6450, -6.1900, 2.0500



226.4180, 1.8790, 4.4950



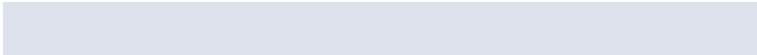
225.3550, 6.1900, -2.0500



224.5820, -1.8790, -4.4950

Sweetspot

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



225.6450, -6.1900, 2.0500



251.7440, -2.1550, 0.5090



230.9450, -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.



225.6450, -6.1900, 2.0500



240.8020, -8.0700, 3.0820



223.3080, -3.6230, 5.0890



109.0150, -4.3560, 1.8520



55.8540, -74.6010, 24.9110



16.7220, -22.2840, 7.3800

Inverse Universe

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



226.0550, 7.3350, 4.7350



241.6640, 9.9940, 6.1060



233.6920, 3.6230, -5.0890



109.6310, 5.5930, 3.2650



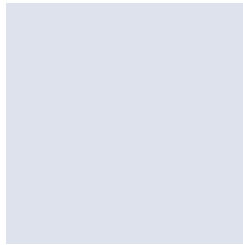
60.9590, 88.6160, 57.0320



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 225.6450, -6.1900, 2.0500 looks on a white background.

Color Contrast Check

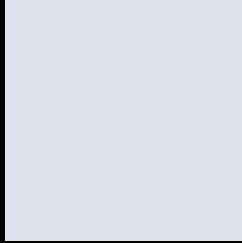
Large Text (above 18pt) WCAG AA × Fail

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 225.6450, -6.1900, 2.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

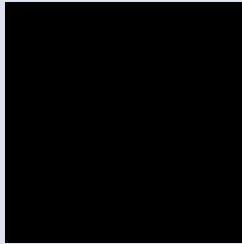
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

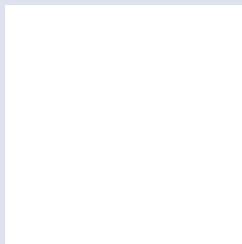
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.6450, -6.1900, 2.0500

Background



This preview shows how black text looks on a background with the YIQ color 225.6450, -6.1900, 2.0500.



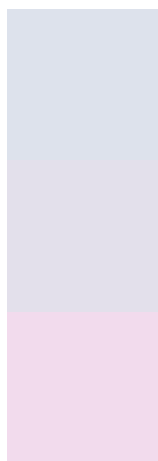
This preview shows how white text looks on a background with the YIQ color 225.6450, -6.1900,

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

225.6450, -6.1900, 2.0500

Protanopia

226.1510, -1.7430, 4.0570

Deuteranopia

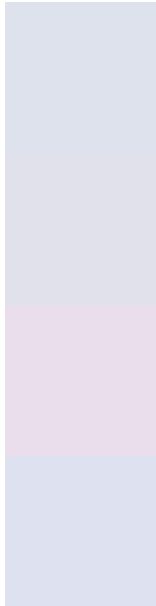
227.9290, 7.9300, 10.4740



Tritanopia

226.1550, -7.5660, 4.9620

Trichromacy



Original Color

225.6450, -6.1900, 2.0500

Protanomaly

226.1400, -3.2100, 3.1100

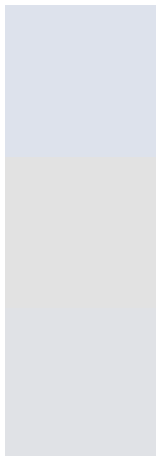
Deuteranomaly

227.2980, 2.3370, 7.2090

Tritanomaly

225.8130, -6.6030, 4.0290

Monochromacy



Original Color

225.6450, -6.1900, 2.0500

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.8580, -2.4760, 0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.6450, -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(221, 226, 236)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 236)  
}
```

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(221, 226, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 236) }
```

Border

The CSS property to change the border of an element to YIQ 225.6450, -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(221, 226, 236) }
```


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

```
.border{ border-color:rgb(221, 226, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 236);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 225.6450, -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(221, 226, 236) }
```

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

```
.background{ background-color: rgb(221,  
226, 236) }
```

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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