

Converting Colors

YIQ(245.8900, -5.5020, 0.5940)

Have a look what the booklet for
YIQ(245.8900, -5.5020, 0.5940)
contains.

YIQ(245.8900, -5.5020, 0.5940)	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(245.8900, -5.5020,
0.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F7FD
RGB	241, 247, 253
RGB Percent	95%, 97%, 99%
CMY	0.0549, 0.0313, 0.0079
CMYK	0.05, 0.02, 0.00, 0.01
HSL	210°, 75%, 97%
HSV	210°, 5%, 99%
XYZ	87.2648, 92.3148, 106.1421
YIQ	245.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

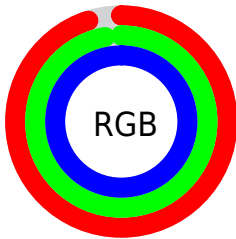
Format	Color
R _Y B	241, 245, 253
Decimal	15857661
CIE Lab	96.95, -0.89, -3.57
CIE LCh	97, 3.676, 256.069
Yxy	92.3148, 0.3054, 0.3231
Android (android.graphics.Color)	4294047741 (0xFFFF1F7FD)
YUV	245.8900, 3.5052, -4.2885
Hunter-Lab	96.0806, -6.0192, 1.7576

Details

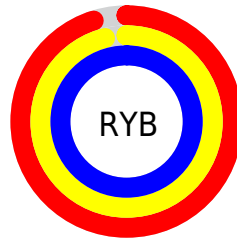
The YIQ color $245.8900, -5.5020, 0.5940$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.1100, 5.5020, -0.5940$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.7760, -5.1810, 0.2830$ is the 20% darker color. If you saturate the color by 10%, you get $230.7840, -16.8270, 2.0930$, and if you desaturate by 10%, it is $254.7720, 0.6420, -0.6220$.

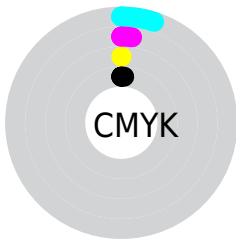
Distribution



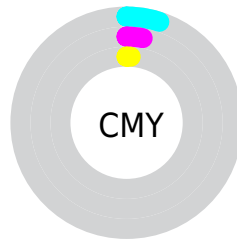
- Red (95%)
- Green (97%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.8900, -5.5020, 0.5940 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 245.8900, -5.5020, 0.5940 by changing the saturation by 10% instead.


 245.8900, -5.5020,
0.5940


 245.8900, -5.5020,
0.5940

255.0000, -0.0000,
-0.0000


 217.7760, -5.1810,
0.2830

 189.7760, -5.1810,
0.2830

 162.7760, -5.1810,
0.2830

 136.1890, -4.9060,
0.8060

 111.0750, -4.5850,
0.4950

 86.7760, -5.1810,
0.2830

 63.0750, -4.5850,

0.4950

■ 41.3740, -3.9890,
0.7070

■ 20.9610, -4.2640,
0.1840

■ 245.8900, -5.5020,
0.5940

■ 245.8900, -5.5020,
0.5940

■ 230.7840,
-16.8270, 2.0930

254.7720, 0.6420,
-0.6220

■ 215.9660,
-29.0230, 2.8570

■ 200.8600,
-40.3480, 4.3560

■ 186.3410,
-51.9480, 5.3320

■ 171.2350,
-63.2730, 6.8310

■ 155.8300,
-75.1940, 8.1180

■ 141.3110,
-86.7940, 9.0940

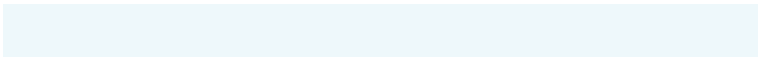
■ 126.2050,
-98.1190, 10.5930

■ 110.8000,
-110.0400, 11.8800

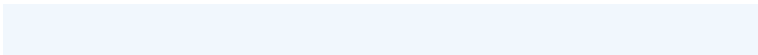
Harmonies

Analogous

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



245.3520, -6.9230, -1.1870



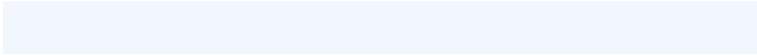
245.8900, -5.5020, 0.5940



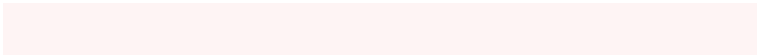
246.4990, -2.8430, 1.9650

Triad

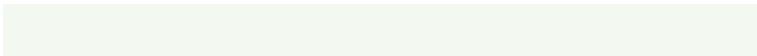
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.8900, -5.5020, 0.5940



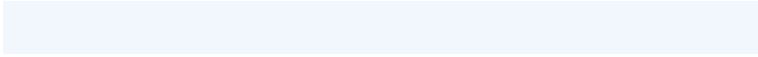
246.9900, 5.9600, 2.1200



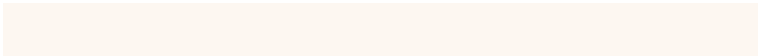
245.7070, -0.7330, -3.2370

Complementary

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



245.8900, -5.5020, 0.5940



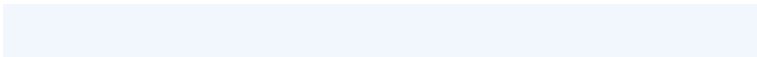
248.1100, 5.5020, -0.5940

Split Complementary

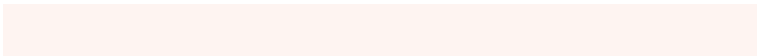
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.0880, 2.5680, -2.4880



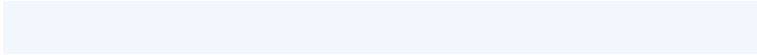
245.8900, -5.5020, 0.5940



246.6480, 6.9230, 1.1870

Square

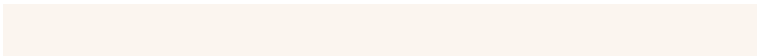
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



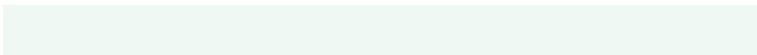
245.8900, -5.5020, 0.5940



247.1470, 4.0800, 3.1520



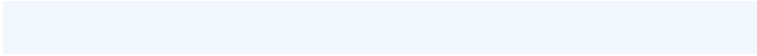
246.1100, 5.5020, -0.5940



245.1520, -3.4840, -2.9400

Rectangle

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



245.8900, -5.5020, 0.5940



246.6950, -0.4590, 2.8130



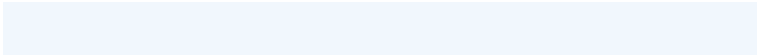
246.1100, 5.5020, -0.5940



245.3050, 0.4590, -2.8130

Sweetspot

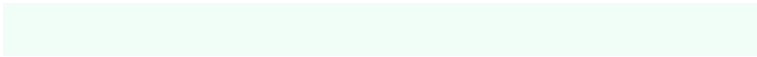
The Sweet Spot groups the original color and five complimentary colors.



245.8900, -5.5020, 0.5940



253.5160, -1.5130, -0.1130



248.7280, -5.2260, -4.4100



126.8150, -0.9170, 0.0990



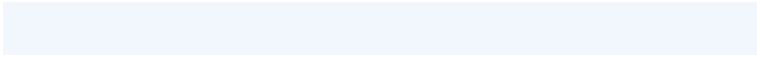
0.0000, 0.0000, 0.0000



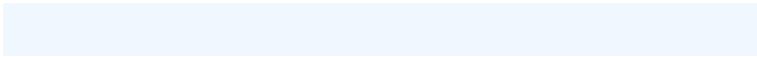
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.8900, -5.5020, 0.5940



245.8190, -6.7400, 1.0040



242.3680, -3.8520, 3.7320



122.3740, -3.9890, 0.7070



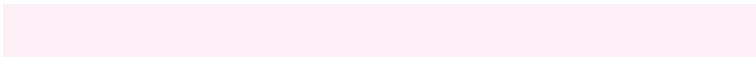
78.1260, -87.7110, 9.1930



26.0800, -29.3440, 3.1680

Inverse Universe

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



245.2720, 5.2260, 4.4100



245.2830, 6.6930, 5.3570



251.6320, 3.8520, -3.7320



122.1470, 4.0800, 3.1520



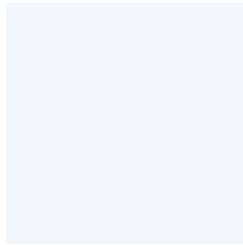
68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 245.8900, -5.5020, 0.5940 looks on a white background.

Color Contrast Check

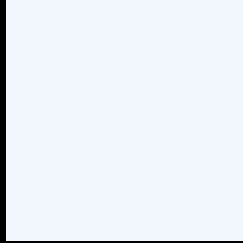
Large Text (above 18pt) WCAG AA × Fail

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 245.8900, -5.5020, 0.5940 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

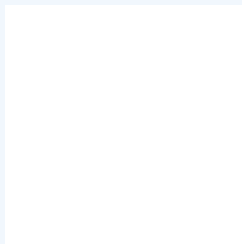
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.8900, -5.5020, 0.5940

Background



This preview shows how black text looks on a background with the YIQ color 245.8900, -5.5020, 0.5940.



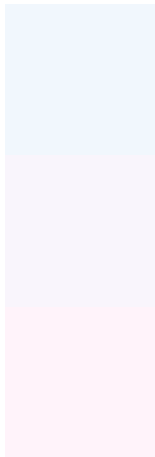
This preview shows how white text looks on a background with the YIQ color 245.8900, -5.5020,

0.5940.

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

245.8900, -5.5020, 0.5940

Protanopia

246.9940, 0.1370, 3.0250

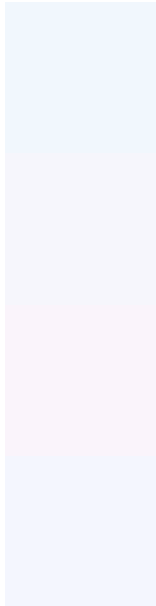
Deuteranopia

247.3860, 4.9050, 4.7210

Tritanopia

246.7270, -3.4850, 2.5870

Trichromacy



Original Color

245.8900, -5.5020, 0.5940

Protanomaly

246.6840, -1.9260, 1.8660

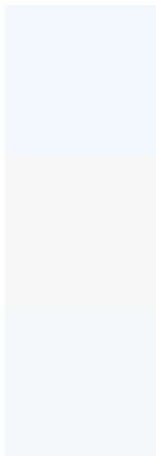
Deuteranomaly

246.5920, 1.3290, 3.4490

Tritanomaly

246.3140, -3.7600, 2.0640

Monochromacy



Original Color

245.8900, -5.5020, 0.5940

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.7440, -2.1550, 0.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.8900, -5.5020, 0.5940 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(241, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(241, 247, 253)  
}
```

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(241, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 247, 253) }
```

Border

The CSS property to change the border of an element to YIQ 245.8900, -5.5020, 0.5940 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(241, 247, 253) }
```


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

```
.border{ border-color:rgb(241, 247, 253) }
```

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

Here you see how a box with a 4 pixel rgb(241, 247, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(241, 247,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 245.8900, -5.5020, 0.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 247, 253) }
```

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

```
.background{ background-color: rgb(241,  
247, 253) }
```

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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