

Converting Colors

YIQ(226.2510, -25.8120,
-5.7800)

Have a look what the booklet for
YIQ(226.2510, -25.8120, -5.7800)
contains.

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Color

**YIQ(226.2510, -25.8120,
-5.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	C6EDF5
RGB	198, 237, 245
RGB Percent	78%, 93%, 96%
CMY	0.2236, 0.0705, 0.0393
CMYK	0.19, 0.03, 0.00, 0.04
HSL	190°, 70%, 87%
HSV	190°, 19%, 96%
XYZ	70.0489, 79.1715, 97.9537
YIQ	226.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

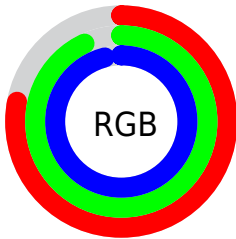
Format	Color
R _Y B	198, 219, 245
Decimal	13037045
CIE Lab	91.31, -10.91, -8.05
CIE LCh	91, 13.561, 216.418
Yxy	79.1715, 0.2834, 0.3203
Android (android.graphics.Color)	4291227125 (0xFFC6EDF5)
YUV	226.2510, 9.2433, -24.7761
Hunter-Lab	88.9784, -15.1865, -2.9858

Details

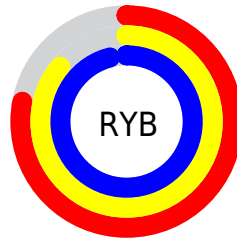
The YIQ color $226.2510, -25.8120, -5.7800$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $216.7490, 25.8120, 5.7800$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.5500, -25.2160, -5.5680$ is the 20% darker color. If you saturate the color by 10%, you get $216.4280, -39.6120, -8.9880$, and if you desaturate by 10%, it is $235.7750, -12.6080, -2.7840$.

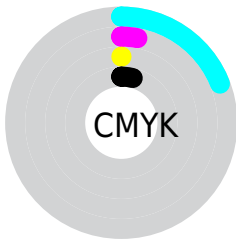
Distribution



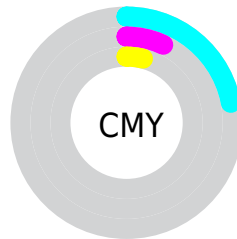
- Red (78%)
- Green (93%)
- Blue (96%)



- Red (78%)
- Yellow (86%)
- Blue (96%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.2510, -25.8120, -5.7800 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 226.2510, -25.8120, -5.7800 by changing the saturation by 10% instead.

■ 226.2510,
-25.8120, -5.7800

■ 226.2510,
-25.8120, -5.7800

255.0000, -0.0000,
-0.0000

■ 198.2510,
-25.8120, -5.7800

■ 170.5500,
-25.2160, -5.5680

■ 143.8490,
-24.6200, -5.3560

■ 118.1480,
-24.0240, -5.1440

■ 93.0340, -23.7030,
-5.4550

■ 69.0340, -23.7030,
-5.4550

■ 45.4360, -24.8950,

-5.8790

■ 25.2190, -22.7860,
-5.5540

■ 8.2640, -9.4910,
1.3010

■ 226.2510,
-25.8120, -5.7800

■ 226.2510,
-25.8120, -5.7800

■ 216.4280,
-39.6120, -8.9880

■ 235.7750,
-12.6080, -2.7840

■ 206.9040,
-52.8160, -11.9840

■ 245.5980, 1.1920,
0.4240

■ 197.0810,
-66.6160, -15.1920

■ 250.3380, 4.8600,
0.0280

■ 186.9700,
-79.5450, -17.6650

■ 253.2730, 3.4850,
-2.5870

■ 177.1470,
-93.3450, -20.8730

■ 253.8600, 3.2100,
-3.1100

■ 167.6230,
-106.5490, -23.8690

■ 157.8000,
-120.3490, -27.0770

■ 148.2760,
-133.5530, -30.0730

■ 147.6780,
-134.7450, -30.4970

Harmonies

Analogous

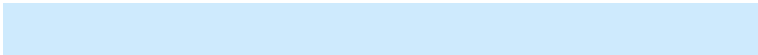
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.6550, -21.3180, -10.1340



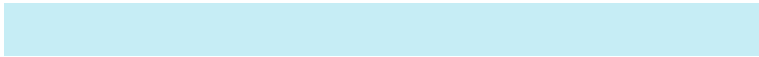
226.2510, -25.8120, -5.7800



227.7940, -22.7870, -0.0270

Triad

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



226.2510, -25.8120, -5.7800



233.1250, 10.3140, 11.3220



229.4280, 13.1140, -6.3900

Complementary

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



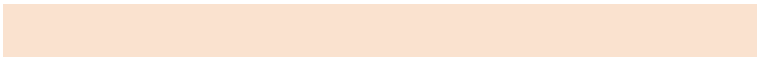
226.2510, -25.8120, -5.7800



216.7490, 25.8120, 5.7800

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.



231.0100, 20.4030, -0.8210



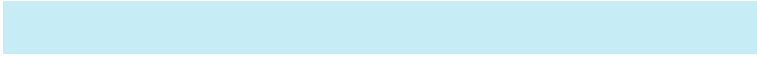
226.2510, -25.8120, -5.7800



231.9640, 18.0170, 9.3850

Square

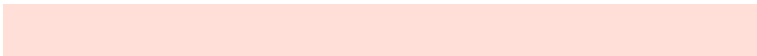
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.2510, -25.8120, -5.7800



231.8400, -2.0650, 9.8950



231.6560, 21.6400, 4.2960



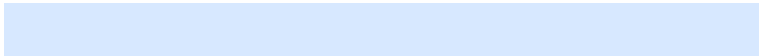
227.8610, 1.4690, -10.1070

Rectangle

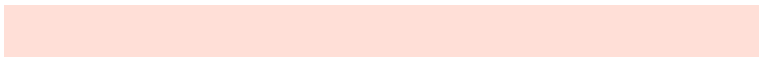
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.2510, -25.8120, -5.7800



229.5390, -17.5150, 3.5490



231.6560, 21.6400, 4.2960



230.3360, 16.3690, -4.8070

Sweetspot

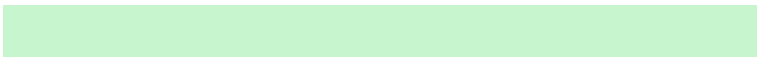
The Sweet Spot groups the original color and five complimentary colors.



226.2510, -25.8120, -5.7800



248.7540, -8.1150, -1.6110



226.5010, -15.4930, -22.0930



124.1350, -4.8140, -0.8620



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.



226.2510, -25.8120, -5.7800



231.4890, -32.4140, -7.2780



212.7500, -19.4870, 6.2490



117.2380, -6.6020, -1.4980



112.1890, -102.3310, -23.2190



35.4890, -32.4140, -7.2780

Inverse Universe

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



216.4990, 15.4930, 22.0930



219.2270, 19.4350, 27.7470



230.2500, 19.4870, -6.2490



114.7280, 3.9420, 5.6540



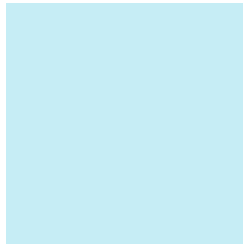
73.2840, 61.1010, 87.6370



23.2270, 19.4350, 27.7470

Previews

White Background



This preview shows how the YIQ color 226.2510, -25.8120, -5.7800 looks on a white background.

Color Contrast Check

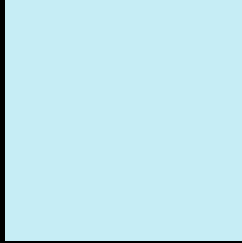
Large Text (above 18pt) WCAG AA × Fail

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 226.2510, -25.8120, -5.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

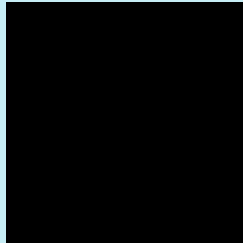
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.2510, -25.8120, -5.7800

Background



This preview shows how black text looks on a background with the YIQ color 226.2510, -25.8120, -5.7800.



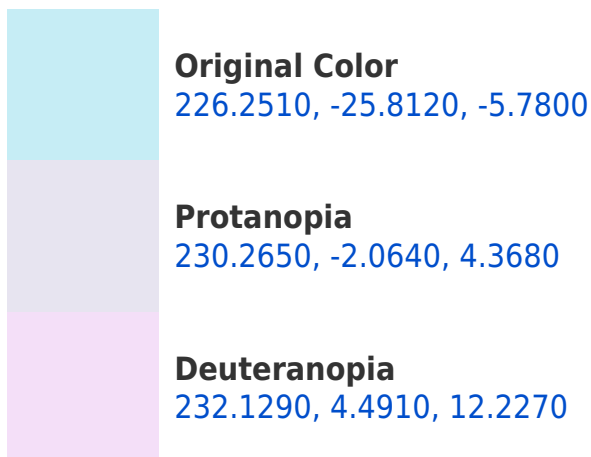
This preview shows how white text looks on a background with the YIQ color 226.2510, -25.8120, -5.7800.

-5.7800.

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

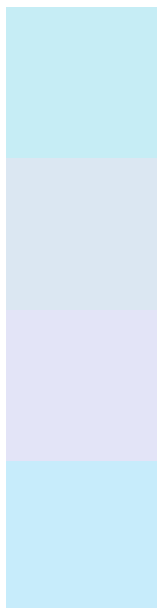




Tritanopia

227.2880, -27.2340, -2.0340

Trichromacy



Original Color

226.2510, -25.8120, -5.7800

Protanomaly

228.6660, -10.6830, 0.8770

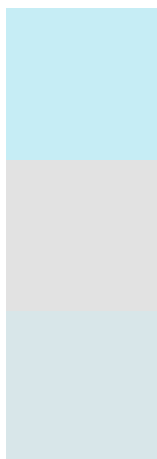
Deuteranomaly

229.8670, -6.6950, 5.6970

Tritanomaly

226.6470, -26.8670, -3.1790

Monochromacy



Original Color

226.2510, -25.8120, -5.7800

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.1560, -9.3070, -2.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.2510, -25.8120, -5.7800 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(198, 237, 245)` looks like.

```
.text, #text, p{  
    color:rgb(198, 237, 245)  
}
```

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(198, 237, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 237, 245) }
```

Border

The CSS property to change the border of an element to YIQ 226.2510, -25.8120, -5.7800 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(198, 237, 245) }
```


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

```
.border{ border-color:rgb(198, 237, 245) }
```

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

Here you see how a box with a 4 pixel rgb(198, 237, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(198, 237,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 226.2510, -25.8120, -5.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 237, 245) }
```

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

```
.background{ background-color: rgb(198,  
237, 245) }
```

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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