

Converting Colors

YIQ(222.3650, -26.1330,
-5.4690)

Have a look what the booklet for
YIQ(222.3650, -26.1330, -5.4690)
contains.

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Color

**YIQ(222.3650, -26.1330,
-5.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E9F2
RGB	194, 233, 242
RGB Percent	76%, 91%, 95%
CMY	0.2393, 0.0862, 0.0511
CMYK	0.20, 0.04, 0.00, 0.05
HSL	191°, 65%, 85%
HSV	191°, 20%, 95%
XYZ	67.4088, 76.1626, 95.1302
YIQ	222.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

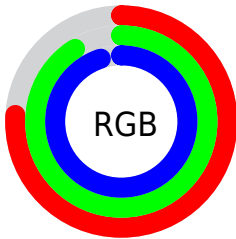
Format	Color
RYB	194, 216, 242
Decimal	12773874
CIELab	89.93, -10.72, -8.55
CIELCh	90, 13.716, 218.570
Yxy	76.1626, 0.2824, 0.3191
Android (android.graphics.Color)	4290963954 (0xFFC2E9F2)
YUV	222.3650, 9.6801, -24.8761
Hunter-Lab	87.2712, -14.8502, -3.5394

Details

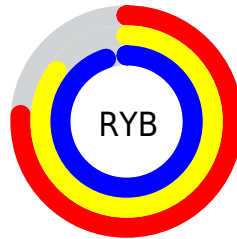
The YIQ color $222.3650, -26.1330, -5.4690$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.6350, 26.1330, 5.4690$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, -2.3840, -0.8480$, and $166.9630, -24.9410, -5.0450$ is the 20% darker color. If you saturate the color by 10%, you get $212.8410, -39.3370, -8.4650$, and if you desaturate by 10%, it is $232.4760, -13.2040, -2.9960$.

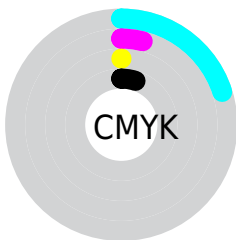
Distribution



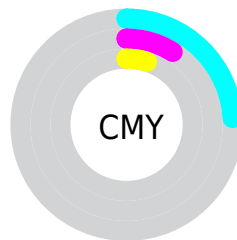
- Red (76%)
- Green (91%)
- Blue (95%)



- Red (76%)
- Yellow (85%)
- Blue (95%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.3650, -26.1330, -5.4690 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 222.3650, -26.1330, -5.4690 by changing the saturation by 10% instead.

■ 222.3650,
-26.1330, -5.4690

■ 222.3650,
-26.1330, -5.4690

■ 255.0000, -0.0000,
-0.0000

■ 194.3650,
-26.1330, -5.4690

■ 253.8040, -2.3840,
-0.8480

■ 166.9630,
-24.9410, -5.0450

■ 140.5500,
-25.2160, -5.5680

■ 114.8490,
-24.6200, -5.3560

■ 89.8490, -24.6200,
-5.3560

■ 65.7350, -24.2990,
-5.6670

■ 42.1370, -25.4910,

-6.0910

■ 23.2300, -21.3190,
-4.6070

■ 2.6390, -6.0530,
5.0750

■ 222.3650,
-26.1330, -5.4690

■ 222.3650,
-26.1330, -5.4690

■ 212.8410,
-39.3370, -8.4650

■ 232.4760,
-13.2040, -2.9960

■ 202.7300,
-52.2660, -10.9380

■ 242.0000, -0.0000,
0.0000

■ 192.3200,
-65.7910, -13.6230

■ 248.8220, 6.3730,
0.1410

■ 182.7960,
-78.9950, -16.6190

■ 251.1700, 5.2730,
-1.9510

■ 172.6850,
-91.9240, -19.0920

■ 253.5180, 4.1730,
-4.0430

■ 163.1610,
-105.1280, -22.0880

■ 153.0500,
-118.0570, -24.5610

■ 143.2270,
-131.8570, -27.7690

Harmonies

Analogous

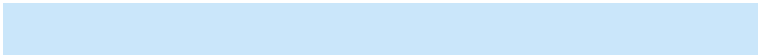
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.8830, -21.9600, -9.5120



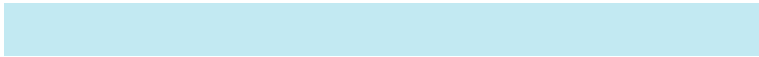
222.3650, -26.1330, -5.4690



223.9080, -23.1080, 0.2840

Triad

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



222.3650, -26.1330, -5.4690



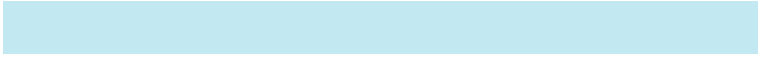
228.7230, 11.5060, 11.7460



225.1290, 12.5180, -6.6020

Complementary

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



222.3650, -26.1330, -5.4690



213.6350, 26.1330, 5.4690

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.



226.8960, 20.7240, -1.1320



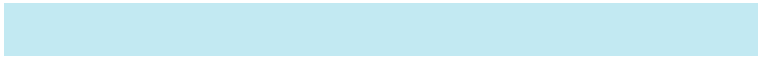
222.3650, -26.1330, -5.4690



228.7470, 20.1260, 9.7100

Square

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



222.3650, -26.1330, -5.4690



228.1390, -1.4690, 10.1070



228.1400, 23.1530, 4.4090



223.5620, 0.8730, -10.3190

Rectangle

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



222.3650, -26.1330, -5.4690



225.3650, -16.9650, 4.5950



228.1400, 23.1530, 4.4090



226.0370, 15.7730, -5.0190

Sweetspot

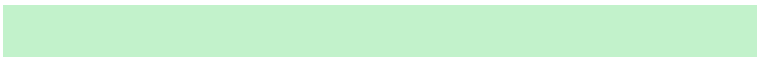
The Sweet Spot groups the original color and five complimentary colors.



222.3650, -26.1330, -5.4690



248.7540, -8.1150, -1.6110



223.2020, -16.0890, -22.3050



124.1350, -4.8140, -0.8620



0.0000, 0.0000, 0.0000



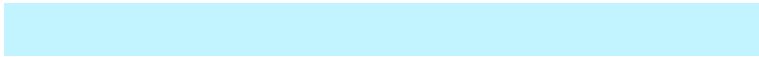
128.0000, -0.0000, -0.0000

Same Dimension

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



222.3650, -26.1330, -5.4690



230.3040, -33.3310, -7.1790



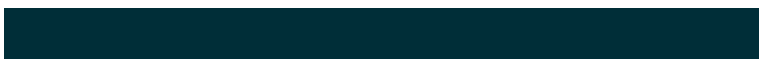
208.2770, -19.5330, 7.0830



115.2380, -6.6020, -1.4980



108.4390, -100.0390, -20.7030



33.3860, -30.6260, -6.6420

Inverse Universe

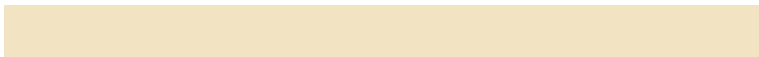
The Inverse Universe completely reimagines the original color for something new.



212.7980, 16.0890, 22.3050



217.9390, 20.3060, 28.4820



227.7230, 19.5330, -7.0830



112.7280, 3.9420, 5.6540



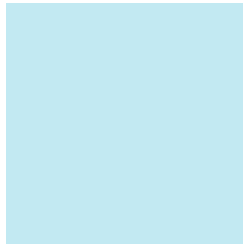
72.0020, 61.8350, 85.3470



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 222.3650, -26.1330, -5.4690 looks on a white background.

Color Contrast Check

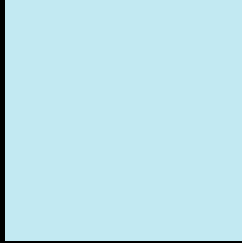
Large Text (above 18pt) WCAG AA × Fail

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 222.3650, -26.1330, -5.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

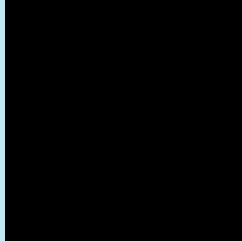
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

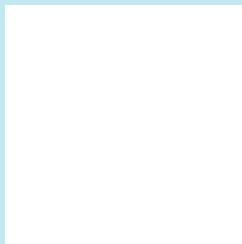
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.3650, -26.1330, -5.4690

Background



This preview shows how black text looks on a background with the YIQ color 222.3650, -26.1330, -5.4690.



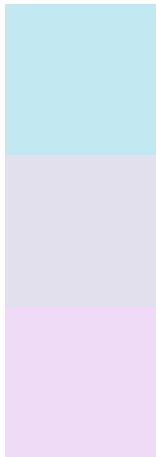
This preview shows how white text looks on a background with the YIQ color 222.3650, -26.1330, -5.4690.

-5.4690.

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

222.3650, -26.1330, -5.4690

Protanopia

226.0800, -2.9810, 4.4670

Deuteranopia

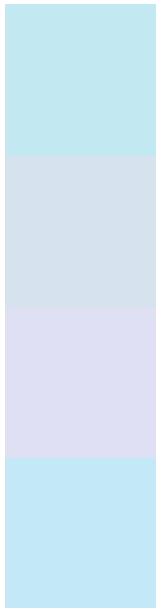
227.9440, 3.5740, 12.3260



Tritanopia

223.2880, -27.2340, -2.0340

Trichromacy



Original Color

222.3650, -26.1330, -5.4690

Protanomaly

224.4810, -11.6000, 0.9760

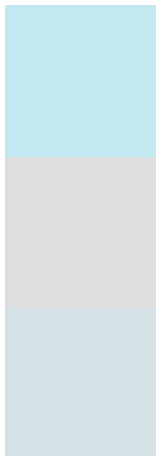
Deuteranomaly

225.9810, -7.0160, 6.0080

Tritanomaly

222.6470, -26.8670, -3.1790

Monochromacy



Original Color

222.3650, -26.1330, -5.4690

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1560, -9.3070, -2.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.3650, -26.1330, -5.4690 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(194, 233, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 233, 242)  
}
```

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(194, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 233, 242) }
```

Border

The CSS property to change the border of an element to YIQ 222.3650, -26.1330, -5.4690 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(194, 233, 242) }
```


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

```
.border{ border-color:rgb(194, 233, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 233,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 222.3650, -26.1330, -5.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 233, 242) }
```

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

```
.background{ background-color: rgb(194,  
233, 242) }
```

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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