

Converting Colors

YIQ(228.7250, -18.3390,
-3.5470)

Have a look what the booklet for
YIQ(228.7250, -18.3390, -3.5470)
contains.

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Color

**YIQ(228.7250, -18.3390,
-3.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	D1ECF3
RGB	209, 236, 243
RGB Percent	82%, 93%, 95%
CMY	0.1804, 0.0744, 0.0471
CMYK	0.14, 0.03, 0.00, 0.05
HSL	192°, 59%, 89%
HSV	192°, 14%, 95%
XYZ	72.4635, 80.0204, 96.4045
YIQ	228.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

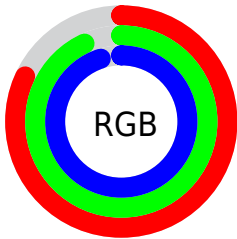
Format	Color
R _Y B	209, 224, 243
Decimal	13757683
CIE Lab	91.69, -7.43, -6.37
CIE LCh	92, 9.785, 220.605
Yxy	80.0204, 0.2911, 0.3215
Android (android.graphics.Color)	4291947763 (0xFFD1ECF3)
YUV	228.7250, 7.0376, -17.2988
Hunter-Lab	89.4541, -11.9483, -1.2788

Details

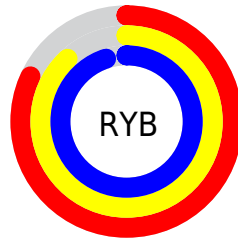
The YIQ color $228.7250, -18.3390, -3.5470$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $223.2750, 18.3390, 3.5470$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.0240, -17.7430, -3.3350$ is the 20% darker color. If you saturate the color by 10%, you get $218.6140, -31.2680, -6.0200$, and if you desaturate by 10%, it is $238.8360, -5.4100, -1.0740$.

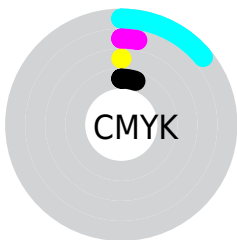
Distribution



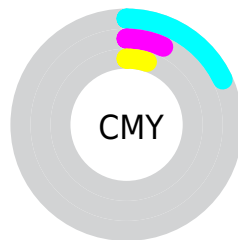
- Red (82%)
- Green (93%)
- Blue (95%)



- Red (82%)
- Yellow (88%)
- Blue (95%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.7250, -18.3390, -3.5470 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 228.7250, -18.3390, -3.5470 by changing the saturation by 10% instead.

■ 228.7250,
-18.3390, -3.5470

■ 228.7250,
-18.3390, -3.5470

255.0000, -0.0000,
-0.0000

■ 200.7250,
-18.3390, -3.5470

■ 173.0240,
-17.7430, -3.3350

■ 146.3230,
-17.1470, -3.1230

■ 120.6220,
-16.5510, -2.9110

■ 95.5080, -16.2300,
-3.2220

■ 71.8070, -15.6340,
-3.0100

■ 49.3940, -15.9090,

-3.5330

■ 27.3940, -15.9090,
-3.5330

■ 9.2100, -9.3990,
-0.3670

■ 228.7250,
-18.3390, -3.5470

■ 228.7250,
-18.3390, -3.5470

■ 218.6140,
-31.2680, -6.0200

■ 238.8360, -5.4100,
-1.0740

■ 208.2040,
-44.7930, -8.7050

■ 248.3490, 6.3270,
0.9750

■ 198.0930,
-57.7220, -11.1780

■ 251.2840, 4.9520,
-1.6400

■ 187.9820,
-70.6510, -13.6510

■ 253.6320, 3.8520,
-3.7320

■ 177.5720,
-84.1760, -16.3360

■ 167.4610,
-97.1050, -18.8090

■ 157.3500,
-110.0340, -21.2820

■ 147.2390,
-122.9630, -23.7550

■ 140.9930,
-131.0780, -25.3660

Harmonies

Analogous

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



228.2860, -15.7250, -6.8690



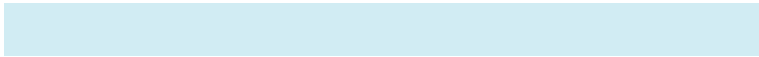
228.7250, -18.3390, -3.5470



230.0290, -16.1390, 0.6370

Triad

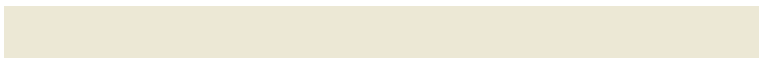
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.7250, -18.3390, -3.5470



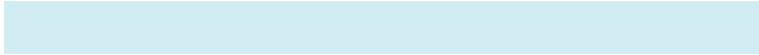
233.6470, 8.6640, 8.1840



231.0300, 8.4830, -5.0610

Complementary

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



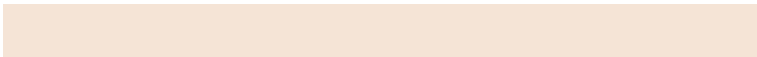
228.7250, -18.3390, -3.5470



223.2750, 18.3390, 3.5470

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.



231.4870, 14.6260, -0.7500



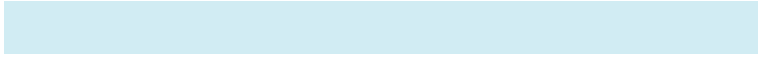
228.7250, -18.3390, -3.5470



233.4150, 15.1290, 6.6570

Square

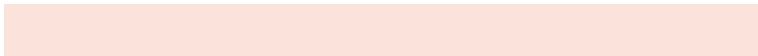
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.7250, -18.3390, -3.5470



232.6290, -0.0930, 7.1950



232.6770, 17.1470, 3.1230



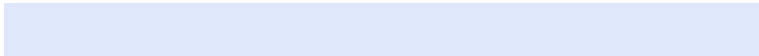
229.3710, 0.0930, -7.1950

Rectangle

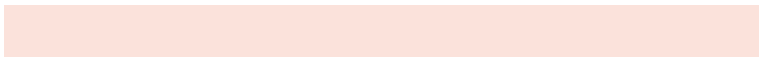
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



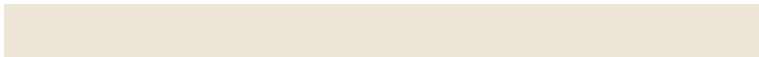
228.7250, -18.3390, -3.5470



231.0620, -11.7380, 3.4780



232.6770, 17.1470, 3.1230



231.3400, 10.5460, -3.9020

Sweetspot

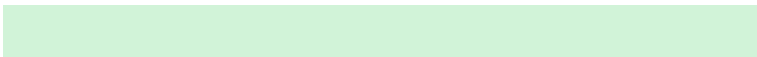
The Sweet Spot groups the original color and five complimentary colors.



228.7250, -18.3390, -3.5470



250.8360, -5.4100, -1.0740



229.7560, -11.5970, -15.6050



124.7330, -3.6220, -0.4380



0.0000, 0.0000, 0.0000



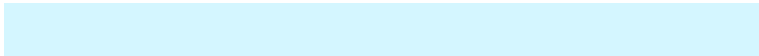
128.0000, -0.0000, -0.0000

Same Dimension

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



228.7250, -18.3390, -3.5470



236.8600, -23.1530, -4.4090



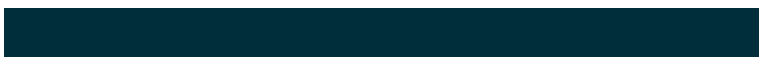
218.7460, -13.6640, 5.3440



117.2380, -6.6020, -1.4980



108.0800, -100.4060, -19.5580



34.3150, -31.8640, -6.2320

Inverse Universe

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



222.2440, 11.5970, 15.6050



228.7330, 14.7140, 19.6900



233.2540, 13.6640, -5.3440



114.7280, 3.9420, 5.6540



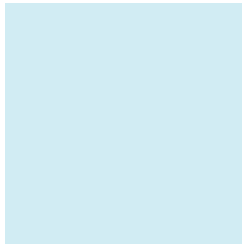
72.4860, 63.3480, 85.4600



22.9990, 20.0770, 27.1250

Previews

White Background



This preview shows how the YIQ color 228.7250, -18.3390, -3.5470 looks on a white background.

Color Contrast Check

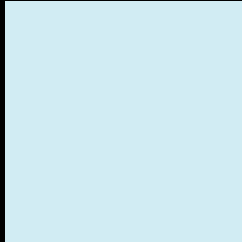
Large Text (above 18pt) WCAG AA × Fail

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 228.7250, -18.3390, -3.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

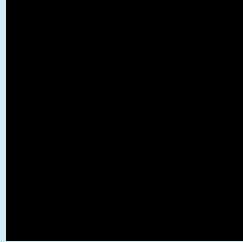
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.7250, -18.3390, -3.5470

Background



This preview shows how black text looks on a background with the YIQ color 228.7250, -18.3390, -3.5470.



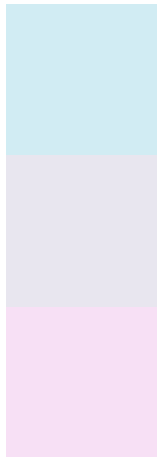
This preview shows how white text looks on a background with the YIQ color 228.7250, -18.3390, -3.5470.

-3.5470.

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

228.7250, -18.3390, -3.5470

Protanopia

231.6240, -1.6970, 3.2230

Deuteranopia

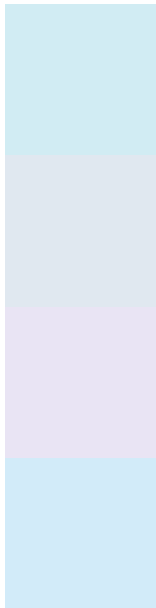
233.2710, 6.9670, 11.4070



Tritanopia

229.2890, -19.8070, 1.0330

Trichromacy



Original Color

228.7250, -18.3390, -3.5470

Protanomaly

230.5200, -7.3360, 0.7920

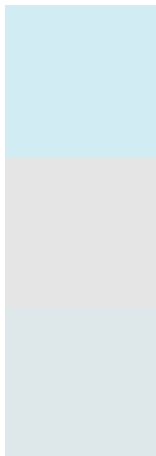
Deuteranomaly

231.3190, -2.1560, 6.0360

Tritanomaly

229.1210, -19.3940, -0.9460

Monochromacy



Original Color

228.7250, -18.3390, -3.5470

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.2380, -6.6020, -1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.7250, -18.3390, -3.5470 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(209, 236, 243)` looks like.

```
.text, #text, p{  
    color:rgb(209, 236, 243)  
}
```

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(209, 236, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 236, 243) }
```

Border

The CSS property to change the border of an element to YIQ 228.7250, -18.3390, -3.5470 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(209, 236, 243) }
```


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

```
.border{ border-color:rgb(209, 236, 243) }
```

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

Here you see how a box with a 4 pixel rgb(209, 236, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 236, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 236, 243);  
box-shadow:4px 4px 4px 4px rgb(209, 236,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 228.7250, -18.3390, -3.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 236, 243) }
```

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

```
.background{ background-color: rgb(209,  
236, 243) }
```

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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