

Converting Colors

YIQ(210.5370, -32.3690,
-2.5850)

Have a look what the booklet for
YIQ(210.5370, -32.3690, -2.5850)
contains.

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Color

**YIQ(210.5370, -32.3690,
-2.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DDF2
RGB	178, 221, 242
RGB Percent	70%, 87%, 95%
CMY	0.3020, 0.1332, 0.0511
CMYK	0.26, 0.09, 0.00, 0.05
HSL	200°, 71%, 82%
HSV	200°, 26%, 95%
XYZ	60.2376, 67.5934, 93.8473
YIQ	210.5370, -32.3690, -2.5850

Conversions

Conversions Part 2

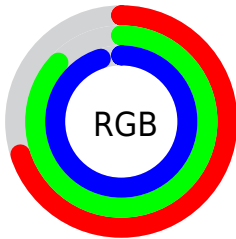
Format	Color
R _{YB}	178, 204, 242
Decimal	11722226
CIE Lab	85.80, -9.32, -14.81
CIE LCh	86, 17.501, 237.818
Yxy	67.5934, 0.2717, 0.3049
Android (android.graphics.Color)	4289912306 (0xFFB2DDF2)
YUV	210.5370, 15.5113, -28.5349
Hunter-Lab	82.2152, -13.0928, -10.1280

Details

The YIQ color $210.5370, -32.3690, -2.5850$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $209.4630, 32.3690, 2.5850$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, -11.9200, -4.2400$, and $155.7220, -31.4520, -2.6840$ is the 20% darker color. If you saturate the color by 10%, you get $198.6650, -44.4730, -3.4890$, and if you desaturate by 10%, it is $222.4090, -20.2650, -1.6810$.

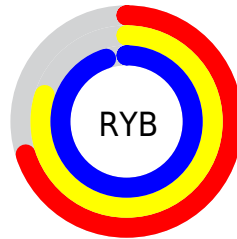
Distribution



Red (70%)

Green (87%)

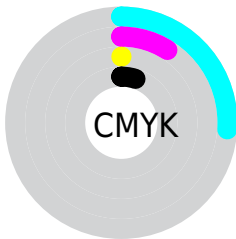
Blue (95%)



Red (70%)

Yellow (80%)

Blue (95%)

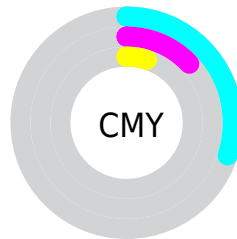


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.5370, -32.3690, -2.5850 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 210.5370, -32.3690, -2.5850 by changing the saturation by 10% instead.

■ 210.5370,
-32.3690, -2.5850

■ 210.5370,
-32.3690, -2.5850

■ 255.0000, -0.0000,
-0.0000

■ 182.8360,
-31.7730, -2.3730

■ 249.0200,
-11.9200, -4.2400

■ 155.7220,
-31.4520, -2.6840

■ 129.6080,
-31.1310, -2.9950

■ 103.6080,
-31.1310, -2.9950

■ 78.7820, -31.6810,
-4.0410

■ 53.8850, -33.4690,
-4.6770

■ 32.6680, -31.3600,

-4.3520

■ 18.4200, -18.7980,
-0.7340

■ 2.5250, -5.7320,
4.7640

■ 210.5370,
-32.3690, -2.5850

■ 210.5370,
-32.3690, -2.5850

■ 198.6650,
-44.4730, -3.4890

■ 222.4090,
-20.2650, -1.6810

■ 186.7930,
-56.5770, -4.3930

■ 234.2810, -8.1610,
-0.7770

■ 174.6220,
-69.2770, -5.5090

■ 246.4520, 4.5390,
0.3390

■ 162.7500,
-81.3810, -6.4130

■ 252.3440, 4.7230,
-2.9970

■ 150.8780,
-93.4850, -7.3170

■ 253.5180, 4.1730,
-4.0430

■ 139.5930,
-105.8640, -8.7440

■ 127.7210,
-117.9680, -9.6480

■ 123.2690,
-122.5070, -9.9870

Harmonies

Analogous

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



208.7230, -33.1930, -9.6810



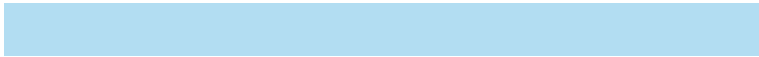
210.5370, -32.3690, -2.5850



213.2550, -22.4670, 5.1890

Triad

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



210.5370, -32.3690, -2.5850



217.6380, 22.0510, 13.3710



212.1450, 6.4210, -11.7470

Complementary

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



210.5370, -32.3690, -2.5850



209.4630, 32.3690, 2.5850

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.



214.2500, 19.4870, -6.2490



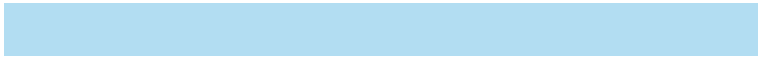
210.5370, -32.3690, -2.5850



217.2980, 28.7000, 8.5080

Square

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



210.5370, -32.3690, -2.5850



217.6350, 8.9380, 14.2340



216.0710, 27.6010, 0.8890



210.0660, -9.5340, -14.4460

Rectangle

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



210.5370, -32.3690, -2.5850



215.5660, -12.9770, 9.4150



216.0710, 27.6010, 0.8890



213.1240, 10.9140, -10.5740

Sweetspot

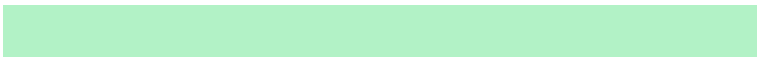
The Sweet Spot groups the original color and five complimentary colors.



210.5370, -32.3690, -2.5850



244.9110, -9.9950, -0.5790



217.8480, -24.0200, -27.2520



121.1780, -6.3730, -0.1410



0.0000, 0.0000, 0.0000



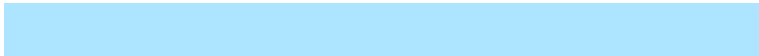
128.0000, -0.0000, -0.0000

Same Dimension

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



210.5370, -32.3690, -2.5850



214.6330, -41.4470, -3.2630



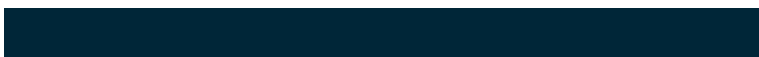
192.3400, -23.8440, 13.6280



114.0640, -6.0520, -0.4520



93.7640, -93.1640, -7.6280



28.6900, -28.4260, -2.4580

Inverse Universe

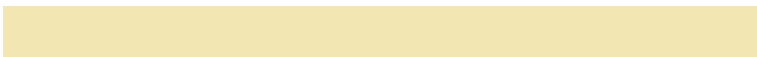
The Inverse Universe completely reimagines the original color for something new.



202.0380, 24.3410, 26.9410



203.7880, 31.2170, 34.4890



227.6600, 23.8440, -13.6280



112.5000, 4.5840, 5.0320



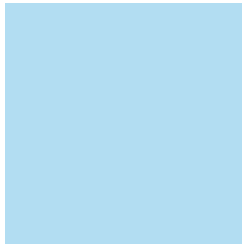
69.1520, 69.8600, 77.5720



21.0760, 21.1780, 23.6900

Previews

White Background



This preview shows how the YIQ color 210.5370, -32.3690, -2.5850 looks on a white background.

Color Contrast Check

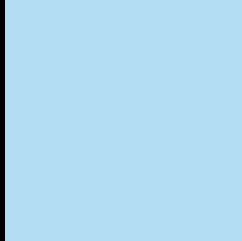
Large Text (above 18pt) WCAG AA × Fail

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 210.5370, -32.3690, -2.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

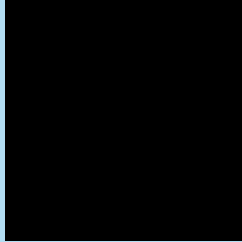
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.5370, -32.3690, -2.5850

Background



This preview shows how black text looks on a background with the YIQ color 210.5370, -32.3690, -2.5850.



This preview shows how white text looks on a background with the YIQ color 210.5370, -32.3690, -2.5850.

-2.5850.

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

210.5370, -32.3690, -2.5850

Protanopia

214.5510, -8.6210, 7.5630

Deuteranopia

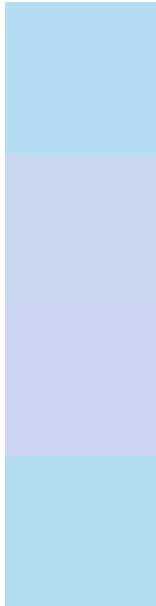
216.3930, -5.0000, 13.5280



Tritanopia

209.8960, -32.0020, -3.7300

Trichromacy



Original Color

210.5370, -32.3690, -2.5850

Protanomaly

212.9520, -17.2400, 4.0720

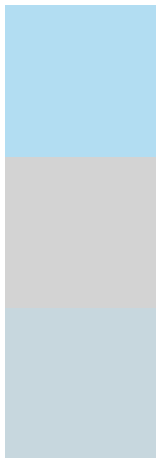
Deuteranomaly

214.1420, -14.7190, 7.9450

Tritanomaly

210.0100, -32.3230, -3.4190

Monochromacy



Original Color

210.5370, -32.3690, -2.5850

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0140, -11.7830, -1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.5370, -32.3690, -2.5850 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(178, 221, 242)` looks like.

```
.text, #text, p{  
    color:rgb(178, 221, 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(178, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 221, 242) }
```

Border

The CSS property to change the border of an element to YIQ 210.5370, -32.3690, -2.5850 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(178, 221, 242) }
```


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

```
.border{ border-color:rgb(178, 221, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 221, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(178, 221,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 210.5370, -32.3690, -2.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 221, 242) }
```

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

```
.background{ background-color: rgb(178,  
221, 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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