

Converting Colors

YIQ(215.5730, -24.0230,
-10.6710)

Have a look what the booklet for
YIQ(215.5730, -24.0230, -10.6710)
contains.

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Color

**YIQ(215.5730, -24.0230,
-10.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE5E0
RGB	186, 229, 224
RGB Percent	73%, 90%, 88%
CMY	0.2707, 0.1019, 0.1217
CMYK	0.19, 0.00, 0.02, 0.10
HSL	173°, 45%, 81%
HSV	173°, 19%, 90%
XYZ	61.7189, 71.8649, 81.1228
YIQ	215.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

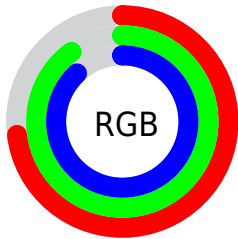
Format	Color
R_{YB}	186, 209, 229
Decimal	12248544
CIE _{Lab}	87.90, -14.88, -2.17
CIE _{LCh}	88, 15.042, 188.283
Yxy	71.8649, 0.2875, 0.3347
Android (android.graphics.Color)	4290438624 (0xFFBAE5E0)
YUV	215.5730, 4.1545, -25.9355
Hunter-Lab	84.7732, -18.3967, 2.6043

Details

The YIQ color $215.5730, -24.0230, -10.6710$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $199.4270, 24.0230, 10.6710$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, -7.1520, -2.5440$, and $160.2850, -23.1520, -9.9360$ is the 20% darker color. If you saturate the color by 10%, you get $208.3540, -36.7680, -16.4800$, and if you desaturate by 10%, it is $222.7920, -11.2780, -4.8620$.

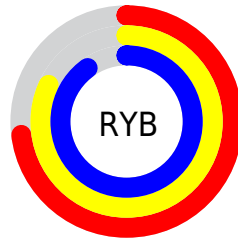
Distribution



Red (73%)

Green (90%)

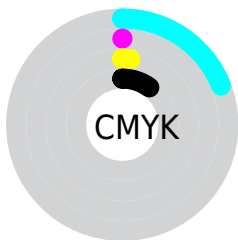
Blue (88%)



Red (73%)

Yellow (82%)

Blue (90%)

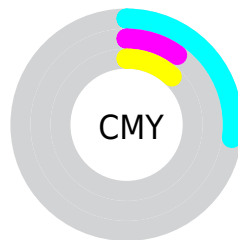


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (10%)



Cyan (27%)

Magenta (10%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.5730, -24.0230, -10.6710 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 215.5730, -24.0230, -10.6710 by changing the saturation by 10% instead.

■ 215.5730,
-24.0230, -10.6710

■ 215.5730,
-24.0230, -10.6710

■ 255.0000, -0.0000,
-0.0000

■ 187.8720,
-23.4270, -10.4590

■ 251.4120, -7.1520,
-2.5440

■ 160.2850,
-23.1520, -9.9360

■ 134.1710,
-22.8310, -10.2470

■ 108.5840,
-22.5560, -9.7240

■ 83.8830, -21.9600,
-9.5120

■ 59.9970, -22.2810,
-9.2010

■ 36.8010, -24.6650,

-10.0490

■ 19.9870, -16.3210,
-7.0810

■ 0.0000, 0.0000,
0.0000

■ 215.5730,
-24.0230, -10.6710

■ 215.5730,
-24.0230, -10.6710

■ 208.3540,
-36.7680, -16.4800

■ 222.7920,
-11.2780, -4.8620

■ 201.2490,
-49.8340, -21.9780

■ 229.8970, 1.7880,
0.6360

■ 194.0300,
-62.5790, -27.7870

■ 237.1160, 14.5330,
6.4450

■ 186.8110,
-75.3240, -33.5960

■ 237.4580, 13.5700,
7.3780

■ 179.7060,
-88.3900, -39.0940

■ 237.6860, 12.9280,
8.0000

■ 172.7860,
-100.5390, -44.6910

■ 238.0280, 11.9650,
8.9330

■ 165.5670,
-113.2840, -50.5000

■ 238.3700, 11.0020,
9.8660

■ 158.4620,
-126.3500, -55.9980

■ 238.5980, 10.3600,
10.4880

■ 157.4510,
-127.8170, -56.9450

■ 238.9400, 9.3970,
11.4210

Harmonies

Analogous

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



216.2660, -12.9730, -12.6930



215.5730, -24.0230, -10.6710



216.2830, -28.8380, -6.0060

Triad

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



215.5730, -24.0230, -10.6710



222.6660, -1.5150, 10.9410



221.2660, 22.5580, -1.3300

Complementary

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



215.5730, -24.0230, -10.6710



199.4270, 24.0230, 10.6710

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.



222.3360, 25.5370, 5.2570



215.5730, -24.0230, -10.6710



223.4350, 12.3770, 12.4810

Square

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



215.5730, -24.0230, -10.6710



220.2020, -14.9480, 6.5880



223.6440, 21.9140, 10.3460



219.7870, 13.4810, -7.5350

Rectangle

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



215.5730, -24.0230, -10.6710



217.2880, -27.2340, -2.0340



223.6440, 21.9140, 10.3460



221.9180, 23.6580, 0.7620

Sweetspot

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



215.5730, -24.0230, -10.6710



250.2870, -8.2980, -3.8020



213.0350, -8.2490, -21.2170



125.0810, -4.7220, -2.5300



0.0000, 0.0000, 0.0000



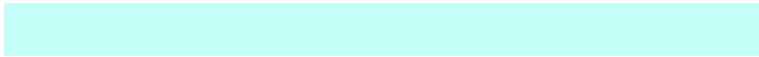
128.0000, -0.0000, -0.0000

Same Dimension

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



215.5730, -24.0230, -10.6710



236.5610, -32.9170, -14.6850



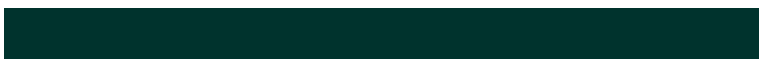
206.7510, -21.2280, -0.7480



111.1840, -6.5100, -3.1660



123.0850, -99.9430, -44.4790



35.0670, -28.4700, -12.6780

Inverse Universe

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



199.4270, 24.0230, 10.6710



214.4390, 32.9170, 14.6850



208.2490, 21.2280, 0.7480



106.8160, 6.5100, 3.1660



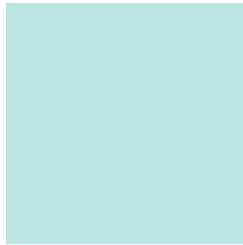
55.9150, 99.9430, 44.4790



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 215.5730, -24.0230, -10.6710 looks on a white background.

Color Contrast Check

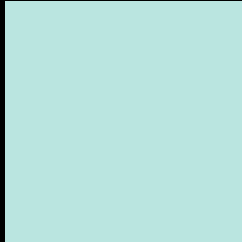
Large Text (above 18pt) WCAG AA × Fail

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 215.5730, -24.0230, -10.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

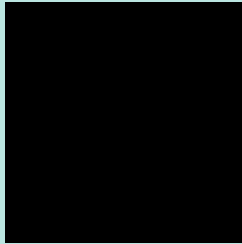
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

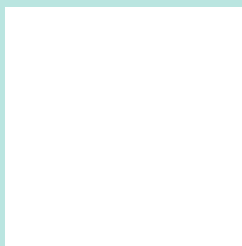
Any Text WCAG AAA ✓ Pass

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

YIQ 215.5730, -24.0230, -10.6710 Background



This preview shows how black text looks on a background with the YIQ color 215.5730, -24.0230, -10.6710.



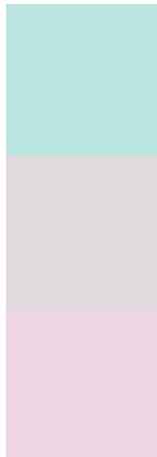
This preview shows how white text looks on a background with the YIQ color 215.5730, -24.0230, -10.6710.

-10.6710.

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

215.5730, -24.0230, -10.6710

Protanopia

220.3810, 3.3010, 0.7490

Deuteranopia

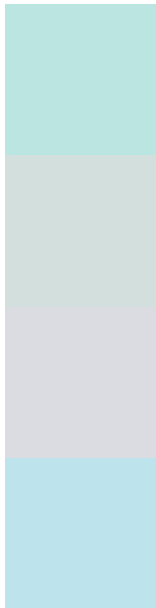
222.0710, 10.4060, 9.6540



Tritanopia

217.2880, -27.2340, -2.0340

Trichromacy



Original Color

215.5730, -24.0230, -10.6710

Protanomaly

218.7710, -6.7850, -3.6890

Deuteranomaly

219.7980, -2.2470, 2.1770

Tritanomaly

216.7780, -25.8580, -4.9460

Monochromacy



Original Color

215.5730, -24.0230, -10.6710

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9880, -8.8940, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.5730, -24.0230, -10.6710 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(186, 229, 224)` looks like.

```
.text, #text, p{  
    color:rgb(186, 229, 224)  
}
```

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(186, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 229, 224) }
```

Border

The CSS property to change the border of an element to YIQ 215.5730, -24.0230, -10.6710 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(186, 229, 224) }
```


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

```
.border{ border-color:rgb(186, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(186, 229,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 215.5730, -24.0230, -10.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 229, 224) }
```

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

```
.background{ background-color: rgb(186,  
229, 224) }
```

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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