

Converting Colors

YIQ(221.1640, -30.1210,
-10.2890)

Have a look what the booklet for
YIQ(221.1640, -30.1210, -10.2890)
contains.

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Color

**YIQ(221.1640, -30.1210,
-10.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	BAECED
RGB	186, 236, 237
RGB Percent	73%, 93%, 93%
CMY	0.2707, 0.0744, 0.0707
CMYK	0.22, 0.00, 0.00, 0.07
HSL	181°, 59%, 83%
HSV	181°, 22%, 93%
XYZ	65.5255, 76.5510, 91.4195
YIQ	221.1640, -30.1210, -10.2890

Conversions

Conversions Part 2

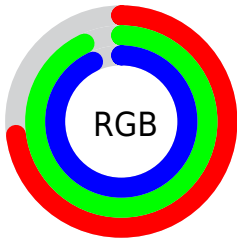
Format	Color
R _{YB}	186, 211, 237
Decimal	12250349
CIE Lab	90.11, -15.69, -5.72
CIE LCh	90, 16.701, 200.038
Yxy	76.5510, 0.2806, 0.3278
Android (android.graphics.Color)	4290440429 (0xFFBAECED)
YUV	221.1640, 7.8071, -30.8388
Hunter-Lab	87.4934, -19.4315, -0.7051

Details

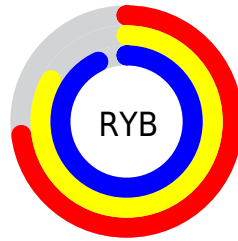
The YIQ color **221.1640, -30.1210, -10.2890** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **201.8360, 30.1210, 10.2890**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4120, -7.1520, -2.5440**, and **165.7620, -28.9290, -9.8650** is the 20% darker color. If you saturate the color by 10%, you get **213.9880, -44.4250, -15.3770**, and if you desaturate by 10%, it is **228.3400, -15.8170, -5.2010**.

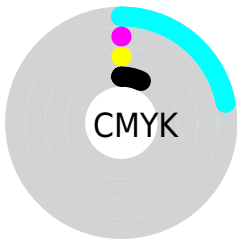
Distribution



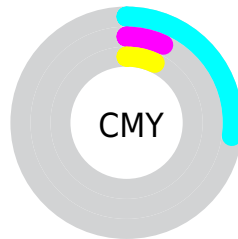
- Red (73%)
- Green (93%)
- Blue (93%)



- Red (73%)
- Yellow (83%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.1640, -30.1210, -10.2890 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 221.1640, -30.1210, -10.2890 by changing the saturation by 10% instead.

■ 221.1640,
-30.1210, -10.2890

■ 221.1640,
-30.1210, -10.2890

■ 255.0000, -0.0000,
-0.0000

■ 193.1640,
-30.1210, -10.2890

■ 251.4120, -7.1520,
-2.5440

■ 165.7620,
-28.9290, -9.8650

■ 138.7620,
-28.9290, -9.8650

■ 113.0610,
-28.3330, -9.6530

■ 88.0610, -28.3330,
-9.6530

■ 63.4630, -29.5250,
-10.0770

■ 38.6690, -33.1010,

-11.3490

■ 23.3610, -20.3100,
-6.3740

■ 2.1830, -4.7690,
3.8310

■ 221.1640,
-30.1210, -10.2890

■ 221.1640,
-30.1210, -10.2890

■ 213.9880,
-44.4250, -15.3770

■ 228.3400,
-15.8170, -5.2010

■ 206.5240,
-57.8580, -19.7300

■ 235.8040, -2.3840,
-0.8480

■ 199.3480,
-72.1620, -24.8180

■ 242.3820, 10.7280,
3.8160

■ 191.5850,
-86.1910, -29.3830

■ 242.9690, 10.4530,
3.2930

■ 184.4090,
-100.4950, -34.4710

■ 243.5560, 10.1780,
2.7700

■ 176.9450,
-113.9280, -38.8240

■ 244.1430, 9.9030,
2.2470

■ 169.7690,
-128.2320, -43.9120

■ 163.7890,
-140.1520, -48.1520

Harmonies

Analogous

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



221.7320, -20.2170, -13.5690



221.1640, -30.1210, -10.2890



222.4830, -32.2770, -4.2530

Triad

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



221.1640, -30.1210, -10.2890



229.0690, 4.7200, 13.5840



227.0870, 21.5040, -4.2560

Complementary

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



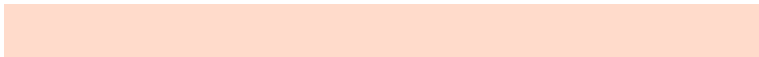
221.1640, -30.1210, -10.2890



201.8360, 30.1210, 10.2890

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.



227.9400, 26.5920, 2.6560



221.1640, -30.1210, -10.2890



229.5990, 17.7870, 13.5550

Square

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



221.1640, -30.1210, -10.2890



227.2350, -10.5470, 9.4290



227.6610, 23.2440, 8.2680



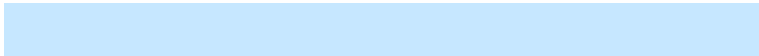
225.0530, 9.6760, -10.1640

Rectangle

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



221.1640, -30.1210, -10.2890



223.8690, -27.3720, 0.4680



227.6610, 23.2440, 8.2680



227.5220, 24.7130, -1.8390

Sweetspot

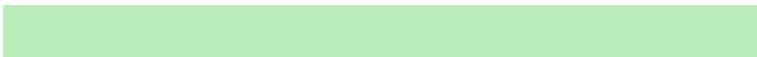
The Sweet Spot groups the original color and five complimentary colors.



221.1640, -30.1210, -10.2890



250.5150, -8.9400, -3.1800



216.0510, -14.3460, -26.3620



124.7220, -5.0890, -1.3850



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.



221.1640, -30.1210, -10.2890



234.6790, -39.0610, -13.4690



206.4890, -23.2460, 2.7860



113.7110, -6.5560, -2.3320



125.1200, -107.0510, -36.8030



37.2670, -31.9090, -10.9250

Inverse Universe

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



206.9490, 14.3460, 26.3620



216.1440, 18.4710, 34.2070



216.5110, 23.2460, -2.7860



110.5430, 3.0250, 5.7530



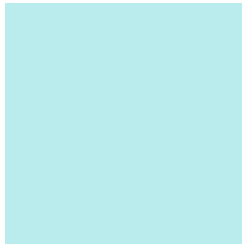
74.4110, 50.7380, 93.7300



22.1880, 15.1710, 27.9310

Previews

White Background



This preview shows how the YIQ color 221.1640, -30.1210, -10.2890 looks on a white background.

Color Contrast Check

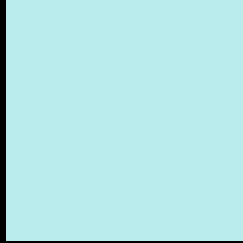
Large Text (above 18pt) WCAG AA × Fail

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 221.1640, -30.1210, -10.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

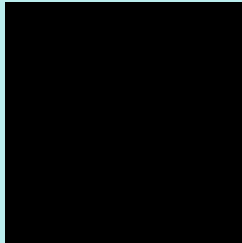
Any Text WCAG AA ✓ Pass

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 221.1640, -30.1210, -10.2890 Background



This preview shows how black text looks on a background with the YIQ color 221.1640, -30.1210, -10.2890.



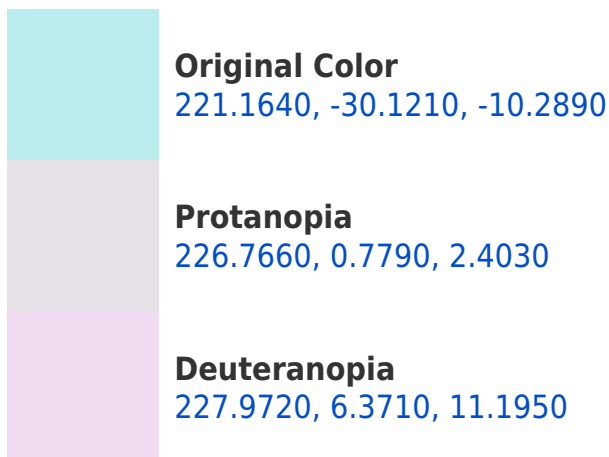
This preview shows how white text looks on a background with the YIQ color 221.1640, -30.1210, -10.2890.

-10.2890.

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

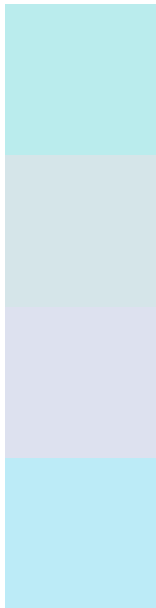




Tritanopia

222.5970, -32.5980, -3.9420

Trichromacy



Original Color

221.1640, -30.1210, -10.2890

Protanomaly

224.6720, -10.8200, -2.1480

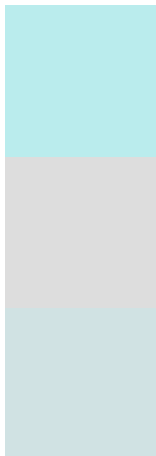
Deuteranomaly

225.4000, -6.8780, 3.5060

Tritanomaly

222.3150, -31.8640, -6.2320

Monochromacy



Original Color

221.1640, -30.1210, -10.2890

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.7320, -11.0490, -3.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.1640, -30.1210, -10.2890 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, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(186, 236, 237)  
}
```

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, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 236, 237) }
```

Border

The CSS property to change the border of an element to YIQ 221.1640, -30.1210, -10.2890 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, 236, 237) }
```


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

```
.border{ border-color:rgb(186, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(186, 236,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 221.1640, -30.1210, -10.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 236, 237) }
```

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

```
.background{ background-color: rgb(186,  
236, 237) }
```

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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