

Converting Colors

YIQ(221.1600, -24.2980,
-11.1940)

Have a look what the booklet for
YIQ(221.1600, -24.2980, -11.1940)
contains.

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Color

**YIQ(221.1600, -24.2980,
-11.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFEBE5</code>
RGB	<code>191, 235, 229</code>
RGB Percent	<code>75%, 92%, 90%</code>
CMY	<code>0.2511, 0.0783, 0.1020</code>
CMYK	<code>0.19, 0.00, 0.03, 0.08</code>
HSL	<code>172°, 52%, 84%</code>
HSV	<code>172°, 19%, 92%</code>
XYZ	<code>65.3321, 76.1559, 85.3678</code>
YIQ	<code>221.1600, -24.2980, -11.1940</code>

Conversions

Conversions Part 2

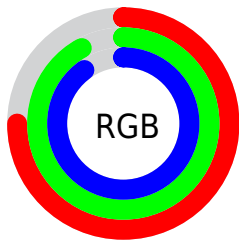
Format	Color
RYB	191, 215, 235
Decimal	12577765
CIELab	89.93, -15.34, -1.78
CIELCh	90, 15.440, 186.617
Yxy	76.1559, 0.2880, 0.3357
Android (android.graphics.Color)	4290767845 (0xFFBFEBE5)
YUV	221.1600, 3.8651, -26.4503
Hunter-Lab	87.2673, -19.0850, 3.0877

Details

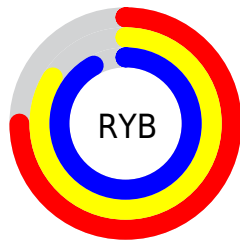
The YIQ color **221.1600, -24.2980, -11.1940** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **204.8400, 24.2980, 11.1940**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9070, -4.1720, -1.4840**, and **165.8720, -23.4270, -10.4590** is the 20% darker color. If you saturate the color by 10%, you get **213.6420, -37.6390, -17.2150**, and if you desaturate by 10%, it is **228.3790, -11.5530, -5.3850**.

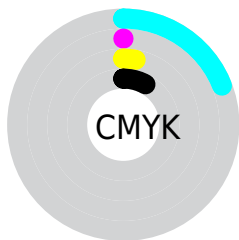
Distribution



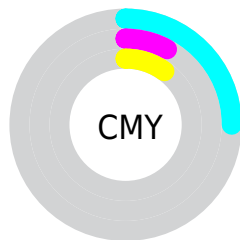
- Red (75%)
- Green (92%)
- Blue (90%)



- Red (75%)
- Yellow (84%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (25%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.1600, -24.2980, -11.1940 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 221.1600, -24.2980, -11.1940 by changing the saturation by 10% instead.

■ 221.1600,
-24.2980, -11.1940

■ 221.1600,
-24.2980, -11.1940

■ 255.0000, -0.0000,
-0.0000

■ 193.4590,
-23.7020, -10.9820

■ 252.9070, -4.1720,
-1.4840

■ 165.8720,
-23.4270, -10.4590

■ 139.1710,
-22.8310, -10.2470

■ 113.4700,
-22.2350, -10.0350

■ 88.5840, -22.5560,
-9.7240

■ 64.5840, -22.5560,
-9.7240

■ 40.9860, -23.7480,

-10.1480

■ 22.6770, -18.3840,
-8.2400

■ 0.4560, -1.2840,
1.2440

■ 221.1600,
-24.2980, -11.1940

■ 221.1600,
-24.2980, -11.1940

■ 213.6420,
-37.6390, -17.2150

■ 228.3790,
-11.5530, -5.3850

■ 206.4230,
-50.3840, -23.0240

■ 235.8970, 1.7880,
0.6360

■ 198.7910,
-63.4040, -29.3560

■ 241.4360, 10.6360,
5.4840

■ 191.5720,
-76.1490, -35.1650

■ 241.7780, 9.6730,
6.4170

■ 184.0540,
-89.4900, -41.1860

■ 242.1200, 8.7100,
7.3500

■ 176.8350,
-102.2350, -46.9950

■ 242.4620, 7.7470,
8.2830

■ 169.2030,
-115.2550, -53.3270

■ 242.9180, 6.4630,
9.5270

■ 161.9840,
-128.0000, -59.1360

■ 243.2600, 5.5000,
10.4600

■ 161.0870,
-129.7880, -59.7720

Harmonies

Analogous

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



222.1520, -12.6520, -13.0040



221.1600, -24.2980, -11.1940



221.5710, -29.7090, -6.7410

Triad

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



221.1600, -24.2980, -11.1940



227.8940, -2.1570, 11.5630



226.9780, 23.4290, -0.5950

Complementary

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



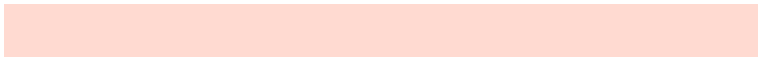
221.1600, -24.2980, -11.1940



204.8400, 24.2980, 11.1940

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.



228.0370, 24.9410, 5.0450



221.1600, -24.2980, -11.1940



229.5490, 12.0560, 12.7920

Square

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



221.1600, -24.2980, -11.1940



225.7180, -16.4610, 6.4750



228.4590, 20.9970, 10.4450



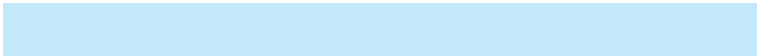
225.3850, 14.6730, -7.1110

Rectangle

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



221.1600, -24.2980, -11.1940



222.6900, -28.4260, -2.4580



228.4590, 20.9970, 10.4450



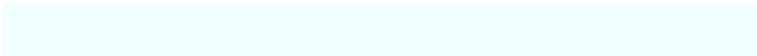
227.5160, 24.8500, 1.1860

Sweetspot

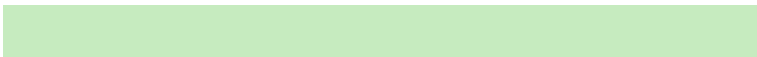
The Sweet Spot groups the original color and five complimentary colors.



221.1600, -24.2980, -11.1940



250.2870, -8.2980, -3.8020



218.9210, -7.9280, -21.5280



125.0810, -4.7220, -2.5300



0.0000, 0.0000, 0.0000



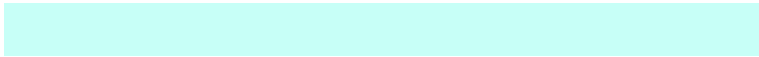
128.0000, -0.0000, -0.0000

Same Dimension

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



221.1600, -24.2980, -11.1940



237.3440, -30.8080, -14.3600



213.0390, -22.0990, -1.4830



113.5970, -6.2350, -2.6430



124.0310, -99.8510, -46.1470



36.9420, -29.6160, -13.9360

Inverse Universe

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



204.8400, 24.2980, 11.1940



216.6560, 30.8080, 14.3600



212.9610, 22.0990, 1.4830



109.4030, 6.2350, 2.6430



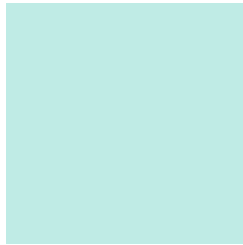
56.9690, 99.8510, 46.1470



16.9440, 29.9370, 13.6250

Previews

White Background



This preview shows how the YIQ color 221.1600, -24.2980, -11.1940 looks on a white background.

Color Contrast Check

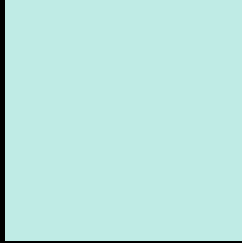
Large Text (above 18pt) WCAG AA × Fail

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 221.1600, -24.2980, -11.1940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

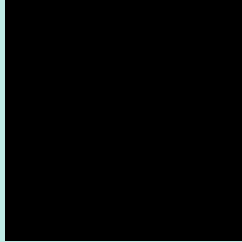
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

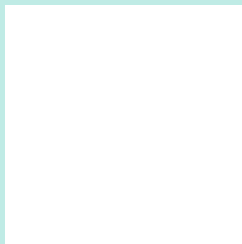
Any Text WCAG AAA ✓ Pass

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

YIQ 221.1600, -24.2980, -11.1940 Background



This preview shows how black text looks on a background with the YIQ color 221.1600, -24.2980, -11.1940.



This preview shows how white text looks on a background with the YIQ color 221.1600, -24.2980, -11.1940.

-11.1940.

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

221.1600, -24.2980, -11.1940

Protanopia

226.2670, 3.6220, 0.4380

Deuteranopia

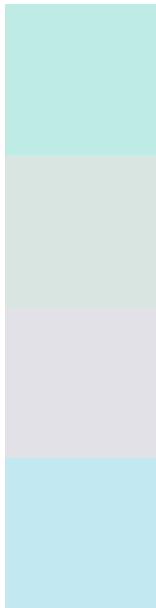
227.9570, 10.7270, 9.3430



Tritanopia

222.9890, -27.8300, -2.2460

Trichromacy



Original Color

221.1600, -24.2980, -11.1940

Protanomaly

224.6570, -6.4640, -4.0000

Deuteranomaly

225.6840, -1.9260, 1.8660

Tritanomaly

222.3650, -26.1330, -5.4690

Monochromacy



Original Color

221.1600, -24.2980, -11.1940

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9880, -8.8940, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.1600, -24.2980, -11.1940 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(191, 235, 229)` looks like.

```
.text, #text, p{  
    color:rgb(191, 235, 229)  
}
```

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(191, 235, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 235, 229) }
```

Border

The CSS property to change the border of an element to YIQ 221.1600, -24.2980, -11.1940 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(191, 235, 229) }
```


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

```
.border{ border-color:rgb(191, 235, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 235, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 235, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 235, 229);  
box-shadow:4px 4px 4px 4px rgb(191, 235,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 221.1600, -24.2980, -11.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 235, 229) }
```

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

```
.background{ background-color: rgb(191,  
235, 229) }
```

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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