

Converting Colors

YIQ(136.6460, -113.3830,
-10.1430)

Have a look what the booklet for
YIQ(136.6460, -113.3830, -10.1430)
contains.

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Color

**YIQ(136.6460, -113.3830,
-10.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	16AEF5
RGB	22, 174, 245
RGB Percent	9%, 68%, 96%
CMY	0.9139, 0.3174, 0.0397
CMYK	0.91, 0.29, 0.00, 0.04
HSL	199°, 92%, 52%
HSV	199°, 91%, 96%
XYZ	31.9393, 37.0512, 91.7514
YIQ	136.6460, -113.3830, -10.1430

Conversions

Conversions Part 2

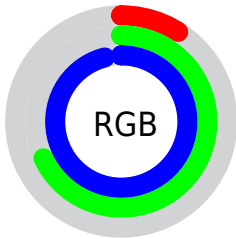
Format	Color
R _Y B	22, 112, 245
Decimal	1486581
CIE Lab	67.32, -11.50, -45.26
CIE LCh	67, 46.698, 255.740
Yxy	37.0512, 0.1987, 0.2305
Android (android.graphics.Color)	4279676661 (0xFF16AEF5)
YUV	136.6460, 53.4185, -100.5445
Hunter-Lab	60.8697, -12.8603, -46.7614

Details

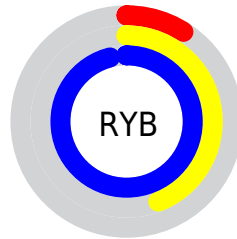
The YIQ color **136.6460, -113.3830, -10.1430** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **130.3540, 113.3830, 10.1430**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5790, -76.8860, -16.2940**, and **93.0460, -93.8980, -5.3380** is the 20% darker color. If you saturate the color by 10%, you get **125.9590, -124.5700, -11.1460**, and if you desaturate by 10%, it is **148.5180, -101.2790, -9.2390**.

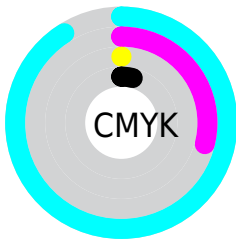
Distribution



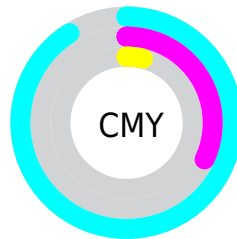
- Red (9%)
- Green (68%)
- Blue (96%)



- Red (9%)
- Yellow (44%)
- Blue (96%)



- Cyan (91%)
- Magenta (29%)
- Yellow (0%)
- Black (4%)



- Cyan (91%)
- Magenta (32%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.6460, -113.3830, -10.1430 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 136.6460, -113.3830, -10.1430 by changing the saturation by 10% instead.

■ 136.6460,
-113.3830, -10.1430

■ 136.6460,
-113.3830, -10.1430

■ 255.0000, -0.0000,
-0.0000

■ 111.5000,
-110.0360, -10.2280

■ 197.5790,
-76.8860, -16.2940

■ 93.0460, -93.8980,
-5.3380

■ 223.0070,
-63.7720, -22.6840

■ 75.2930, -78.3560,
-0.6600

■ 232.5750,
-44.7000, -15.9000

■ 58.7140, -63.3640,
2.9720

■ 241.8440,
-26.2240, -9.3280

■ 42.3630, -49.0140,
7.2260

■ 251.4120, -7.1520,
-2.5440

■ 27.7730, -35.4890,
9.9110

■ 10.3620, -20.9100,

15.5220

■ 5.5060, -12.7480,
10.7720

■ 2.1830, -4.7690,
3.8310

■ 136.6460,
-113.3830, -10.1430

■ 136.6460,
-113.3830, -10.1430

■ 125.9590,
-124.5700, -11.1460

■ 148.5180,
-101.2790, -9.2390

■ 160.6890,
-88.5790, -8.1230

■ 171.9740,
-76.2000, -6.6960

■ 184.1450,
-63.5000, -5.5800

■ 196.0170,
-51.3960, -4.6760

■ 208.1880,
-38.6960, -3.5600

■ 220.0600,
-26.5920, -2.6560

■ 231.6440,
-13.6170, -1.0170

■ 243.5160, -1.5130,
-0.1130

Harmonies

Analogous

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



132.2560, -121.6330, -25.8330



136.6460, -113.3830, -10.1430



162.8020, -42.4600, 20.6120

Triad

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



136.6460, -113.3830, -10.1430



165.5680, 63.7710, 28.2110



152.6950, -10.7680, -36.1440

Complementary

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



136.6460, -113.3830, -10.1430



130.3540, 113.3830, 10.1430

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.



157.9680, 28.2480, -27.3680



136.6460, -113.3830, -10.1430



163.5290, 67.5340, 9.5660

Square

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



136.6460, -113.3830, -10.1430



168.0560, 42.2660, 37.9940



161.2260, 54.4250, -11.6790



140.0430, -64.5940, -40.8340

Rectangle

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



136.6460, -113.3830, -10.1430



167.7200, -9.6340, 31.4380



161.2260, 54.4250, -11.6790



154.8770, 3.3990, -34.0810

Sweetspot

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



136.6460, -113.3830, -10.1430



221.4550, -35.0740, -3.1220



160.9950, -84.1160, -94.5480



108.1100, -20.8610, -1.8930



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.



136.6460, -113.3830, -10.1430



131.2080, -129.7050, -11.6970



71.4890, -82.8580, 47.9100



116.6510, -6.3270, -0.9750



95.7530, -94.6310, -8.5750



30.2060, -29.9390, -2.5710

Inverse Universe

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



106.0050, 84.1160, 94.5480



96.0810, 96.1260, 108.1740



195.5110, 82.8580, -47.9100



114.6140, 4.2630, 5.3430



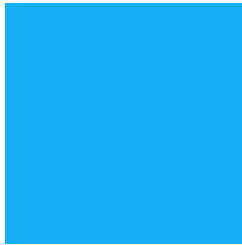
70.0920, 70.0890, 78.9290



22.2010, 22.3240, 24.9480

Previews

White Background



This preview shows how the YIQ color 136.6460, -113.3830, -10.1430 looks on a white background.

Color Contrast Check

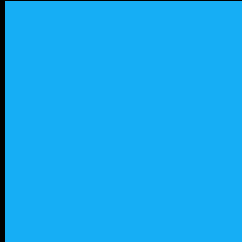
Large Text (above 18pt) WCAG AA × Fail

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 136.6460, -113.3830, -10.1430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

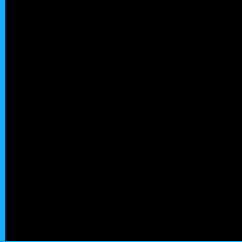
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

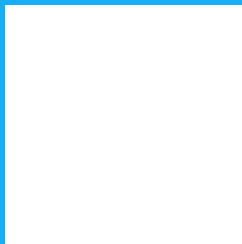
Any Text WCAG AAA ✓ Pass

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

YIQ 136.6460, -113.3830, -10.1430 Background



This preview shows how black text looks on a background with the YIQ color 136.6460, -113.3830, -10.1430.



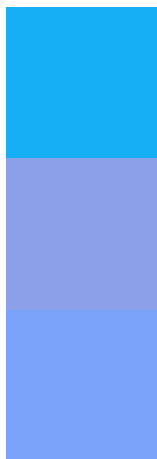
This preview shows how white text looks on a background with the YIQ color 136.6460, -113.3830, -10.1430.

-10.1430.

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

136.6460, -113.3830, -10.1430

Protanopia

162.0430, -35.9490, 18.2510

Deuteranopia

159.5450, -52.0420, 18.0540



Tritanopia

128.3630, -112.0490, -34.3290

Trichromacy



Original Color

136.6460, -113.3830, -10.1430

Protanomaly

152.5770, -64.2360, 7.7640

Deuteranomaly

151.0150, -74.2770, 8.0190

Tritanomaly

131.0460, -112.2340, -25.4660

Monochromacy



Original Color

136.6460, -113.3830, -10.1430

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.5190, -41.1260, -3.5740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6460, -113.3830, -10.1430 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(22, 174, 245)` looks like.

```
.text, #text, p{  
    color:rgb(22, 174, 245)  
}
```

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(22, 174, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 174, 245) }
```

Border

The CSS property to change the border of an element to YIQ 136.6460, -113.3830, -10.1430 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(22, 174, 245) }
```


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

```
.border{ border-color:rgb(22, 174, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 174, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 174, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 174, 245);  
box-shadow:4px 4px 4px 4px rgb(22, 174,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6460, -113.3830, -10.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 174, 245) }
```

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

```
.background{ background-color: rgb(22, 174,  
245) }
```

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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