

Converting Colors

YIQ(121.6140, -93.1620,
-18.6820)

Have a look what the booklet for
YIQ(121.6140, -93.1620, -18.6820)
contains.

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Color

**YIQ(121.6140, -93.1620,
-18.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	159FC1
RGB	21, 159, 193
RGB Percent	8%, 62%, 76%
CMY	0.9179, 0.3762, 0.2435
CMYK	0.89, 0.18, 0.00, 0.24
HSL	192°, 80%, 42%
HSV	192°, 89%, 76%
XYZ	22.3301, 28.8206, 54.7790
YIQ	121.6140, -93.1620, -18.6820

Conversions

Conversions Part 2

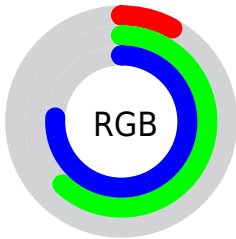
Format	Color
R_{YB}	21, 98, 193
Decimal	1417153
CIE _{Lab}	60.62, -21.75, -26.96
CIE _{LCh}	61, 34.638, 231.106
Yxy	28.8206, 0.2108, 0.2721
Android (android.graphics.Color)	4279607233 (0xFF159FC1)
YUV	121.6140, 35.1933, -88.2385
Hunter-Lab	53.6848, -19.7016, -22.9191

Details

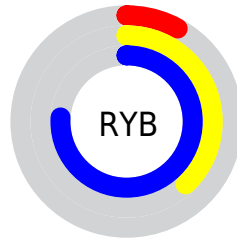
The YIQ color **121.6140, -93.1620, -18.6820** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **92.3860, 93.1620, 18.6820**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9150, -77.7120, -12.3360**, and **78.6550, -74.0440, -12.7320** is the 20% darker color. If you saturate the color by 10%, you get **113.5850, -103.3860, -20.6180**, and if you desaturate by 10%, it is **129.6430, -82.9380, -16.7460**.

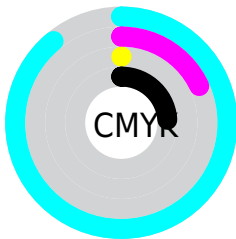
Distribution



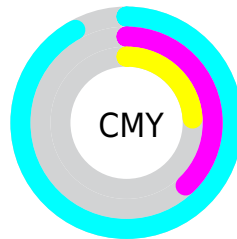
- Red (8%)
- Green (62%)
- Blue (76%)



- Red (8%)
- Yellow (38%)
- Blue (76%)



- Cyan (89%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)



- Cyan (92%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.6140, -93.1620, -18.6820 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 121.6140, -93.1620, -18.6820 by changing the saturation by 10% instead.

■ 121.6140,
-93.1620, -18.6820

■ 121.6140,
-93.1620, -18.6820

■ 255.0000, -0.0000,
-0.0000

■ 96.9950, -89.8610,
-17.9330

■ 184.8010,
-77.3910, -12.6470

■ 78.6550, -74.0440,
-12.7320

■ 211.1900,
-68.5410, -18.8530

■ 61.7170, -59.4190,
-7.9550

■ 228.0900,
-53.6400, -19.0800

■ 45.3660, -45.0690,
-3.7010

■ 237.0600,
-35.7600, -12.7200

■ 29.7160, -31.3150,
0.3410

■ 246.0300,
-17.8800, -6.3600

■ 9.0110, -15.7280,
9.7120

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 121.6140,
-93.1620, -18.6820

■ 121.6140,
-93.1620, -18.6820

■ 113.5850,
-103.3860, -20.6180

■ 129.6430,
-82.9380, -16.7460

■ 112.9870,
-104.5780, -21.0420

■ 137.9710,
-72.1180, -14.5980

■ 145.4130,
-61.6190, -12.1390

■ 153.4420,
-51.3950, -10.2030

■ 161.4710,
-41.1710, -8.2670

■ 169.7990,
-30.3510, -6.1190

■ 177.8280,
-20.1270, -4.1830

■ 185.2700, -9.6280,
-1.7240

■ 193.5980, 1.1920,
0.4240

Harmonies

Analogous

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



117.7200, -91.0050, -30.2450



121.6140, -93.1620, -18.6820



138.1230, -57.2660, 2.5900

Triad

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



121.6140, -93.1620, -18.6820



149.6000, 34.3820, 26.6860



141.7250, 16.0510, -21.0770

Complementary

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



121.6140, -93.1620, -18.6820



92.3860, 93.1620, 18.6820

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.



144.5970, 37.3230, -10.1090



121.6140, -93.1620, -18.6820



148.1590, 48.5050, 18.5290

Square

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



121.6140, -93.1620, -18.6820



150.6110, 9.4860, 26.3340



146.9010, 48.6910, 4.1390



137.5350, -12.8330, -26.2490

Rectangle

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



121.6140, -93.1620, -18.6820



144.4790, -34.4810, 13.6710



146.9010, 48.6910, 4.1390



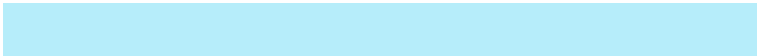
142.9110, 24.3950, -18.1090

Sweetspot

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



121.6140, -93.1620, -18.6820



222.0370, -36.9530, -7.6170



125.4980, -57.2510, -80.3150



108.3440, -21.6400, -4.2960



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



121.6140, -93.1620, -18.6820



146.4870, -135.5250, -27.3730



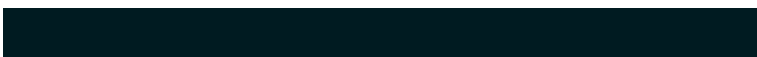
72.3060, -70.0620, 25.2500



92.8360, -5.4100, -1.0740



94.0770, -87.1560, -17.3960



19.6110, -18.0180, -3.8580

Inverse Universe

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



88.1600, 58.2140, 79.3820



97.6640, 84.4790, 115.5110



141.1070, 70.3370, -24.7270



90.9020, 3.3920, 4.6080



62.8450, 54.5470, 74.2510



12.9450, 11.0010, 15.3930

Previews

White Background



This preview shows how the YIQ color 121.6140, -93.1620, -18.6820 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 121.6140, -93.1620, -18.6820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

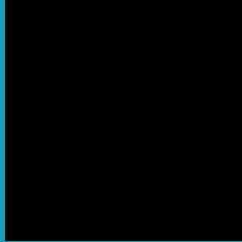
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.6140, -93.1620, -18.6820 Background



This preview shows how black text looks on a background with the YIQ color 121.6140, -93.1620, -18.6820.



This preview shows how white text looks on a background with the YIQ color 121.6140, -93.1620, -18.6820.

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

121.6140, -93.1620, -18.6820

Protanopia

145.9400, -16.9660, 10.1220

Deuteranopia

145.2690, -25.0820, 14.0380



Tritanopia

114.9300, -100.4040, -30.6120

Trichromacy



Original Color

121.6140, -93.1620, -18.6820

Protanomaly

136.7730, -44.6570, -0.1530

Deuteranomaly

136.7170, -50.2510, 2.1090

Tritanomaly

117.5330, -97.6080, -26.2160

Monochromacy



Original Color

121.6140, -93.1620, -18.6820

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.5320, -33.9730, -6.5570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.6140, -93.1620, -18.6820 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(21, 159, 193)` looks like.

```
.text, #text, p{  
    color:rgb(21, 159, 193)  
}
```

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(21, 159, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 159, 193) }
```

Border

The CSS property to change the border of an element to YIQ 121.6140, -93.1620, -18.6820 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(21, 159, 193) }
```


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

```
.border{ border-color:rgb(21, 159, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 159, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 159, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 159, 193);  
box-shadow:4px 4px 4px 4px rgb(21, 159,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 121.6140, -93.1620, -18.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 159, 193) }
```

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

```
.background{ background-color: rgb(21, 159,  
193) }
```

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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