

Converting Colors

YIQ(114.7020, -90.5940,
-21.1700)

Have a look what the booklet for
YIQ(114.7020, -90.5940, -21.1700)
contains.

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Color

**YIQ(114.7020, -90.5940,
-21.1700)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0F99B3 |
| RGB | 15, 153, 179 |
| RGB Percent | 6%, 60%, 70% |
| CMY | 0.9414, 0.3998, 0.2984 |
| CMYK | 0.92, 0.14, 0.00, 0.30 |
| HSL | 189°, 85%, 38% |
| HSV | 189°, 92%, 70% |
| XYZ | 19.7233, 26.1531, 46.6050 |
| YIQ | 114.7020, -90.5940, -21.1700 |

Conversions

Conversions Part 2

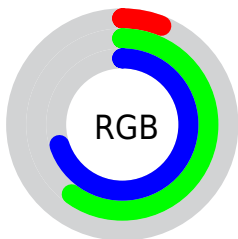
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 15, 90, 179 |
| Decimal | 1022387 |
| CIE _{Lab} | 58.18, -23.73, -22.83 |
| CIE _{LCh} | 58, 32.928, 223.883 |
| Yxy | 26.1531, 0.2133, 0.2828 |
| Android (android.graphics.Color) | 4279212467 (0xFF0F99B3) |
| YUV | 114.7020, 31.6989, -87.4387 |
| Hunter-Lab | 51.1401, -20.6527, -18.2341 |

Details

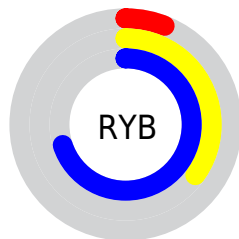
The YIQ color **114.7020, -90.5940, -21.1700** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **79.2980, 90.5940, 21.1700**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1880, -74.2270, -14.9230**, and **74.2380, -68.4960, -14.1600** is the 20% darker color. If you saturate the color by 10%, you get **109.0430, -98.9840, -23.3040**, and if you desaturate by 10%, it is **121.8450, -80.6910, -18.9230**.

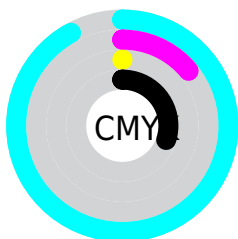
Distribution



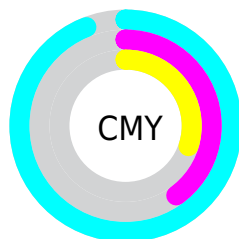
- Red (6%)
- Green (60%)
- Blue (70%)



- Red (6%)
- Yellow (35%)
- Blue (70%)



- Cyan (92%)
- Magenta (14%)
- Yellow (0%)
- Black (30%)



- Cyan (94%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7020, -90.5940, -21.1700 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 114.7020, -90.5940, -21.1700 by changing the saturation by 10% instead.

■ 114.7020,
-90.5940, -21.1700

■ 114.7020,
-90.5940, -21.1700

■ 255.0000, -0.0000,
-0.0000

■ 91.8770, -83.7170,
-19.1490

■ 178.1880,
-74.2270, -14.9230

■ 74.2380, -68.4960,
-14.1600

■ 206.1730,
-69.8710, -16.7750

■ 56.7130, -53.5960,
-8.8600

■ 226.2960,
-57.2160, -20.3520

■ 40.4760, -39.5670,
-4.2950

■ 235.2660,
-39.3360, -13.9920

■ 26.1140, -26.6840,
-0.9880

■ 244.2360,
-21.4560, -7.6320

■ 4.9360, -11.1430,
9.2170

■ 253.5050, -2.9800,

■ 0.6840, -1.9260,

-1.0600

1.8660

■ 0.0000, 0.0000,
0.0000

■ 114.7020,
-90.5940, -21.1700

■ 114.7020,
-90.5940, -21.1700

■ 109.0430,
-98.9840, -23.3040

■ 121.8450,
-80.6910, -18.9230

■ 128.9880,
-70.7880, -16.6760

■ 136.1310,
-60.8850, -14.4290

■ 142.6870,
-50.7070, -11.6590

■ 149.5310,
-41.4000, -9.6240

■ 156.6740,
-31.4970, -7.3770

■ 163.8170,
-21.5940, -5.1300

■ 170.9600,
-11.6910, -2.8830

■ 177.5160, -1.5130,
-0.1130

Harmonies

Analogous

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



118.2940, -72.0700, -26.4860



114.7020, -90.5940, -21.1700



129.4490, -61.3000, -1.3960

Triad

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



114.7020, -90.5940, -21.1700



143.3650, 27.7340, 26.0220



136.4700, 21.3230, -17.5010

Complementary

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



114.7020, -90.5940, -21.1700



79.2980, 90.5940, 21.1700

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.



139.1890, 38.6520, -6.6600



114.7020, -90.5940, -21.1700



142.3480, 43.5990, 19.3350

Square

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



114.7020, -90.5940, -21.1700



143.7240, 1.7380, 23.5780



140.5250, 46.9940, 7.3620



132.8950, -5.0390, -24.3270

Rectangle

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



114.7020, -90.5940, -21.1700



136.3210, -40.0280, 9.5720



140.5250, 46.9940, 7.3620



137.2860, 27.8330, -14.3350

Sweetspot

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



114.7020, -90.5940, -21.1700



207.2930, -34.7980, -8.1260



114.1180, -53.1250, -77.9970



102.4150, -20.4020, -4.7060



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



114.7020, -90.5940, -21.1700



140.9130, -128.0970, -29.8330



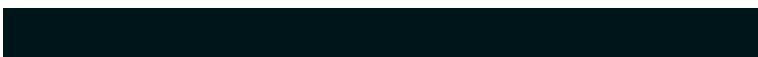
67.1550, -68.3190, 21.1930



85.7220, -5.0890, -1.3850



93.1650, -84.5880, -19.8840



15.2910, -14.1210, -2.8970

Inverse Universe

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



79.7680, 53.4460, 77.6860



91.5980, 75.6770, 109.8290



126.8450, 68.3190, -21.1930



83.6030, 2.7960, 4.3960



60.4530, 49.7790, 72.5550



10.1680, 8.7550, 12.0430

Previews

White Background



This preview shows how the YIQ color 114.7020, -90.5940, -21.1700 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 114.7020, -90.5940, -21.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

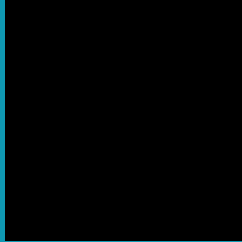
Any Text WCAG AA ✓ Pass

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 114.7020, -90.5940, -21.1700 Background



This preview shows how black text looks on a background with the YIQ color 114.7020, -90.5940, -21.1700.

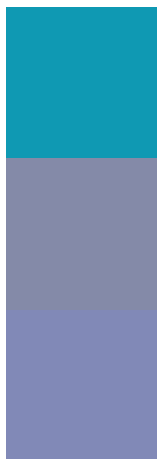


This preview shows how white text looks on a background with the YIQ color 114.7020, -90.5940, -21.1700.

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

114.7020, -90.5940, -21.1700

Protanopia

139.6260, -13.2060, 8.0580

Deuteranopia

139.8520, -19.5340, 12.6100



Tritanopia

110.0230, -96.2320, -29.1280

Trichromacy



Original Color

114.7020, -90.5940, -21.1700

Protanomaly

130.1600, -41.4930, -2.4290

Deuteranomaly

131.0010, -45.2990, 0.4690

Tritanomaly

111.3870, -94.2610, -26.3010

Monochromacy



Original Color

114.7020, -90.5940, -21.1700

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0760, -32.6890, -7.8010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7020, -90.5940, -21.1700 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(15, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(15, 153, 179)  
}
```

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(15, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 153, 179) }
```

Border

The CSS property to change the border of an element to YIQ 114.7020, -90.5940, -21.1700 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(15, 153, 179) }
```


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

```
.border{ border-color:rgb(15, 153, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(15, 153,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7020, -90.5940, -21.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 153, 179) }
```

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

```
.background{ background-color: rgb(15, 153,  
179) }
```

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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