

Converting Colors

YIQ(122.9970, -92.2020,
-3.0340)

Have a look what the booklet for
YIQ(122.9970, -92.2020, -3.0340)
contains.

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Color

**YIQ(122.9970, -92.2020,
-3.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	2196DC
RGB	33, 150, 220
RGB Percent	13%, 59%, 86%
CMY	0.8707, 0.4116, 0.1377
CMYK	0.85, 0.32, 0.00, 0.14
HSL	202°, 74%, 50%
HSV	202°, 85%, 86%
XYZ	24.4436, 27.3124, 71.6193
YIQ	122.9970, -92.2020, -3.0340

Conversions

Conversions Part 2

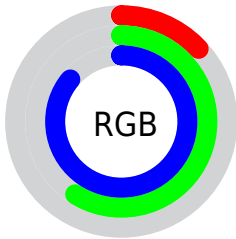
Format	Color
R_{YB}	33, 105, 220
Decimal	2201308
CIE _{Lab}	59.26, -6.44, -44.17
CIE _{LCh}	59, 44.639, 261.702
Yxy	27.3124, 0.1981, 0.2214
Android (android.graphics.Color)	4280391388 (0xFF2196DC)
YUV	122.9970, 47.8225, -78.9274
Hunter-Lab	52.2613, -7.9695, -44.6686

Details

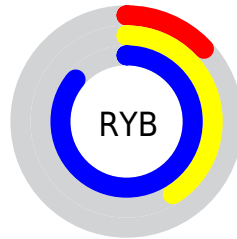
The YIQ color **122.9970, -92.2020, -3.0340** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **130.0030, 92.2020, 3.0340**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.3060, -71.2030, -3.6430**, and **77.5100, -80.4650, -0.9850** is the 20% darker color. If you saturate the color by 10%, you get **111.7230, -103.1140, -3.5140**, and if you desaturate by 10%, it is **134.2710, -81.2900, -2.5540**.

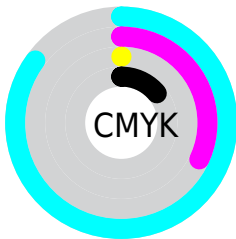
Distribution



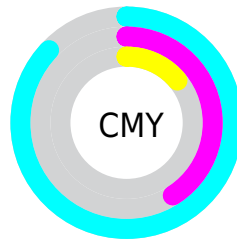
- Red (13%)
- Green (59%)
- Blue (86%)



- Red (13%)
- Yellow (41%)
- Blue (86%)



- Cyan (85%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (87%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.9970, -92.2020, -3.0340 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 122.9970, -92.2020, -3.0340 by changing the saturation by 10% instead.

■ 122.9970,
-92.2020, -3.0340

■ 122.9970,
-92.2020, -3.0340

■ 255.0000, -0.0000,
-0.0000

■ 94.6760, -95.7320,
-5.1400

■ 182.3060,
-71.2030, -3.6430

■ 77.3960, -80.1440,
-1.2960

■ 208.0110,
-60.4270, -11.7150

■ 60.3440, -65.1980,
3.1700

■ 230.7810,
-48.2760, -17.1720

■ 44.4660, -50.8020,
6.5900

■ 240.0500,
-29.8000, -10.6000

■ 29.2890, -37.0020,
9.7980

■ 249.3190,
-11.3240, -4.0280

■ 11.2910, -22.1480,
15.9320

■ 6.4350, -13.9860,

11.1820

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 122.9970,
-92.2020, -3.0340

■ 122.9970,
-92.2020, -3.0340

■ 111.7230,
-103.1140, -3.5140

■ 134.2710,
-81.2900, -2.5540

■ 106.0860,
-108.5700, -3.7540

■ 145.5450,
-70.3780, -2.0740

■ 157.4060,
-59.7410, -2.1170

■ 168.6800,
-48.8290, -1.6370

■ 179.9540,
-37.9170, -1.1570

■ 191.2280,
-27.0050, -0.6770

■ 203.0890,
-16.3680, -0.7200

■ 214.3630, -5.4560,
-0.2400

■ 225.6370, 5.4560,
0.2400

Harmonies

Analogous

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



116.4750, -108.8880, -20.0240



122.9970, -92.2020, -3.0340



143.3150, -30.7230, 22.6610

Triad

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



122.9970, -92.2020, -3.0340



142.9650, 60.9750, 23.8150



130.4430, -18.7460, -34.7300

Complementary

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



122.9970, -92.2020, -3.0340



130.0030, 92.2020, 3.0340

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.



136.3630, 19.7660, -27.8340



122.9970, -92.2020, -3.0340



141.6590, 61.1160, 4.7320

Square

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



122.9970, -92.2020, -3.0340



145.6170, 44.8800, 34.6720



139.9260, 46.4020, -14.9580



109.9140, -86.2800, -44.2960

Rectangle

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



122.9970, -92.2020, -3.0340



146.5100, -0.2350, 31.8050



139.9260, 46.4020, -14.9580



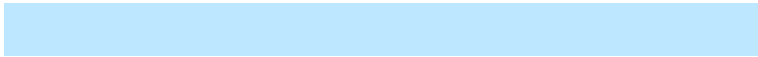
132.6250, -4.5790, -32.6670

Sweetspot

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



122.9970, -92.2020, -3.0340



220.5910, -32.4610, -0.9170



150.6350, -73.5740, -76.3420



107.2350, -19.7150, -0.6350



0.0000, 0.0000, 0.0000



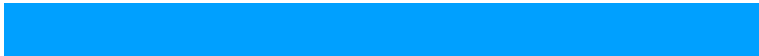
128.0000, -0.0000, -0.0000

Same Dimension

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



122.9970, -92.2020, -3.0340



122.9900, -125.8550, -4.3750



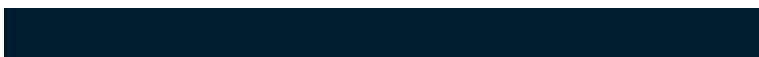
68.9930, -66.9020, 45.0820



104.3630, -5.4560, -0.2400



83.7050, -85.5080, -3.2040



22.2670, -22.7410, -0.8610

Inverse Universe

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



102.2510, 73.8950, 76.0310



94.4850, 100.6200, 103.8200



184.0070, 66.9020, -45.0820



103.0870, 4.3090, 4.5090



64.1530, 68.1190, 70.5750



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 122.9970, -92.2020, -3.0340 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 122.9970, -92.2020, -3.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

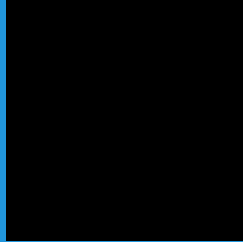
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

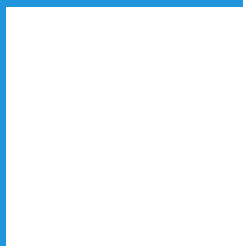
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.9970, -92.2020, -3.0340

Background



This preview shows how black text looks on a background with the YIQ color 122.9970, -92.2020, -3.0340.



This preview shows how white text looks on a background with the YIQ color 122.9970, -92.2020, -3.0340.

-3.0340.

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

122.9970, -92.2020, -3.0340

Protanopia

140.6300, -36.2240, 17.7280

Deuteranopia

138.2630, -51.3080, 15.7640



Tritanopia

112.0120, -97.6990, -30.0750

Trichromacy



Original Color

122.9970, -92.2020, -3.0340

Protanomaly

134.0510, -56.7630, 9.9970

Deuteranomaly

132.7340, -66.1160, 8.7960

Tritanomaly

116.0050, -95.8210, -20.0530

Monochromacy



Original Color

122.9970, -92.2020, -3.0340

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9930, -33.6530, -1.3410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9970, -92.2020, -3.0340 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(33, 150, 220)` looks like.

```
.text, #text, p{  
    color:rgb(33, 150, 220)  
}
```

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(33, 150, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 150, 220) }
```

Border

The CSS property to change the border of an element to YIQ 122.9970, -92.2020, -3.0340 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(33, 150, 220) }
```


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

```
.border{ border-color:rgb(33, 150, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 150, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 150, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 150, 220);  
box-shadow:4px 4px 4px 4px rgb(33, 150,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9970, -92.2020, -3.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 150, 220) }
```

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

```
.background{ background-color: rgb(33, 150,  
220) }
```

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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