

Converting Colors

YIQ(97.9020, -83.7240, 19.5400)

Have a look what the booklet for
YIQ(97.9020, -83.7240, 19.5400)
contains.

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Color

**YIQ(97.9020, -83.7240,
19.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	1E6CE0
RGB	30, 108, 224
RGB Percent	12%, 42%, 88%
CMY	0.8824, 0.5763, 0.1220
CMYK	0.87, 0.52, 0.00, 0.12
HSL	216°, 76%, 50%
HSV	216°, 87%, 88%
XYZ	19.3406, 16.3837, 72.5875
YIQ	97.9020, -83.7240, 19.5400

Conversions

Conversions Part 2

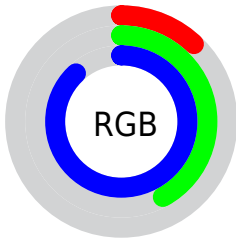
Format	Color
R_YB	30, 86, 224
Decimal	1993952
CIE _L ab	47.47, 20.50, -65.28
CIE _L Ch	47, 68.419, 287.431
Yxy	16.3837, 0.1786, 0.1513
Android (android.graphics.Color)	4280184032 (0xFF1E6CE0)
YUV	97.9020, 62.1663, -59.5501
Hunter-Lab	40.4767, 14.4565, -77.9918

Details

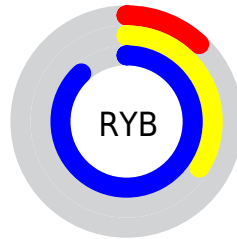
The YIQ color **97.9020, -83.7240, 19.5400** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **156.0980, 83.7240, -19.5400**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8910, -58.8280, 19.8920**, and **55.5460, -70.9780, 19.8220** is the 20% darker color. If you saturate the color by 10%, you get **83.6930, -93.2610, 21.6750**, and if you desaturate by 10%, it is **112.1110, -74.1870, 17.4050**.

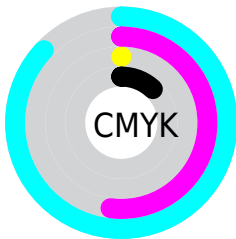
Distribution



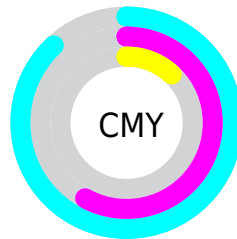
- Red (12%)
- Green (42%)
- Blue (88%)



- Red (12%)
- Yellow (34%)
- Blue (88%)



- Cyan (87%)
- Magenta (52%)
- Yellow (0%)
- Black (12%)



- Cyan (88%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.9020, -83.7240, 19.5400 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 97.9020, -83.7240, 19.5400 by changing the saturation by 10% instead.

■ 97.9020, -83.7240,
19.5400

■ 97.9020, -83.7240,
19.5400

■ 255.0000, -0.0000,
-0.0000

■ 71.5380, -85.6950,
16.7130

■ 155.8910,
-58.8280, 19.8920

■ 55.5460, -70.9780,
19.8220

■ 180.7210,
-46.9060, 13.0780

■ 40.1410, -56.5360,
22.4080

■ 206.4260,
-36.1300, 5.0060

■ 27.0840, -43.1940,
22.9020

■ 232.1310,
-25.3540, -3.0660

■ 13.0810, -29.9440,
25.0640

■ 249.6180,
-10.7280, -3.8160

■ 11.5190, -22.7900,
16.5540

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 97.9020, -83.7240,
19.5400

■ 97.9020, -83.7240,
19.5400

■ 83.6930, -93.2610,
21.6750

■ 112.1110,
-74.1870, 17.4050

■ 78.3660, -96.6540,
22.5940

■ 127.2060,
-64.3290, 14.9590

■ 141.4150,
-54.7920, 12.8240

■ 156.5100,
-44.9340, 10.3780

■ 170.7190,
-35.3970, 8.2430

■ 184.9280,
-25.8600, 6.1080

■ 200.0230,
-16.0020, 3.6620

■ 214.2320, -6.4650,
1.5270

■ 228.4410, 3.0720,
-0.6080

Harmonies

Analogous

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



100.3130, -107.4710, 3.8650



97.9020, -83.7240, 19.5400



114.6060, 9.0230, 51.2550

Triad

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



97.9020, -83.7240, 19.5400



103.8210, 87.2030, 11.0350



89.5220, -64.6850, -44.6930

Complementary

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



97.9020, -83.7240, 19.5400



156.0980, 83.7240, -19.5400

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.



84.0750, -33.2300, -58.5900



97.9020, -83.7240, 19.5400



105.9310, 65.2010, -19.7510

Square

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



97.9020, -83.7240, 19.5400



97.9770, 88.2050, 47.9570



101.8350, 29.5800, -40.5000



97.6500, -84.8160, -26.7680

Rectangle

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



97.9020, -83.7240, 19.5400



107.9930, 47.7180, 60.3420



101.8350, 29.5800, -40.5000



86.6550, -57.9900, -50.3900

Sweetspot

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



97.9020, -83.7240, 19.5400



211.7860, -28.3360, 6.9280



156.7600, -89.6230, -66.3190



101.9520, -17.2400, 4.0720



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.



97.9020, -83.7240, 19.5400



89.5310, -110.1800, 25.4360



56.9000, -52.7380, 63.7260



104.6020, -4.6310, 1.3290



61.7410, -76.0210, 17.6030



16.6250, -20.6330, 4.9910

Inverse Universe

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



96.8980, 90.5860, 65.3860



87.9870, 118.9170, 86.0930



197.1000, 52.7380, -63.7260



104.7450, 5.2720, 3.5760



60.7180, 82.1050, 59.3930



16.5180, 22.5090, 16.0850

Previews

White Background



This preview shows how the YIQ color 97.9020, -83.7240, 19.5400 looks on a white 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

Black Background



This preview shows how the YIQ color 97.9020, -83.7240, 19.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

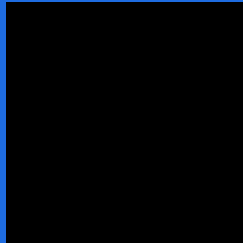
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

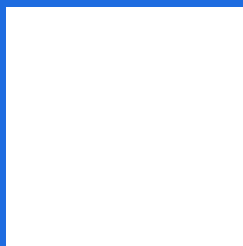
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 97.9020, -83.7240, 19.5400

Background



This preview shows how black text looks on a background with the YIQ color 97.9020, -83.7240, 19.5400.



This preview shows how white text looks on a background with the YIQ color 97.9020, -83.7240,

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

97.9020, -83.7240, 19.5400

Protanopia

98.7990, -81.9360, 20.1760

Deuteranopia

89.4900, -94.9080, 1.9560



Tritanopia

87.8360, -76.4720, -23.8000

Trichromacy



Original Color

97.9020, -83.7240, 19.5400

Protanomaly

98.5000, -82.5320, 19.9640

Deuteranomaly

92.6310, -90.6910, 8.1330

Tritanomaly

91.3650, -78.8590, -8.0670

Monochromacy



Original Color

97.9020, -83.7240, 19.5400

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.1170, -30.7660, 6.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.9020, -83.7240, 19.5400 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(30, 108, 224)` looks like.

```
.text, #text, p{  
    color:rgb(30, 108, 224)  
}
```

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(30, 108, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 108, 224) }
```

Border

The CSS property to change the border of an element to YIQ 97.9020, -83.7240, 19.5400 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(30, 108, 224) }
```


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

```
.border{ border-color:rgb(30, 108, 224) }
```

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

Here you see how a box with a 4 pixel rgb(30, 108, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 108, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 108, 224);  
box-shadow:4px 4px 4px 4px rgb(30, 108,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 97.9020, -83.7240, 19.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 108, 224) }
```

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

```
.background{ background-color: rgb(30, 108,  
224) }
```

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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