

Converting Colors

YIQ(97.9030, 99.0760, 21.6360)

Have a look what the booklet for
YIQ(97.9030, 99.0760, 21.6360)
contains.

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Color

**YIQ(97.9030, 99.0760,
21.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	CE3919
RGB	206, 57, 25
RGB Percent	81%, 22%, 10%
CMY	0.1918, 0.7767, 0.9015
CMYK	0.00, 0.72, 0.88, 0.19
HSL	11°, 78%, 45%
HSV	11°, 88%, 81%
XYZ	27.1139, 16.1247, 2.6091
YIQ	97.9030, 99.0760, 21.6360

Conversions

Conversions Part 2

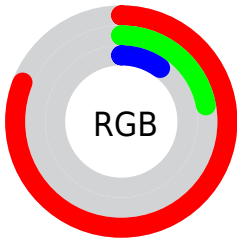
Format	Color
RYB	206, 64, 25
Decimal	13515033
CIELab	47.14, 57.00, 51.20
CIElCh	47, 76.618, 41.931
Yxy	16.1247, 0.5914, 0.3517
Android (android.graphics.Color)	4291705113 (0xFFCE3919)
YUV	97.9030, -35.9412, 94.8011
Hunter-Lab	40.1556, 50.2548, 24.2566

Details

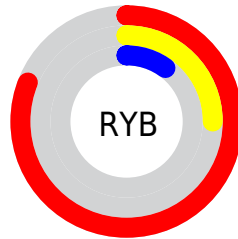
The YIQ color **97.9030, 99.0760, 21.6360** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **133.0970, -99.0760, -21.6360**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.5990, 96.8760, 17.4520**, and **42.7570, 85.2280, 30.3160** is the 20% darker color. If you saturate the color by 10%, you get **85.5300, 110.4920, 23.9960**, and if you desaturate by 10%, it is **110.2760, 87.6600, 19.2760**.

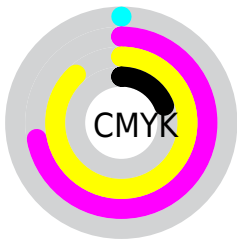
Distribution



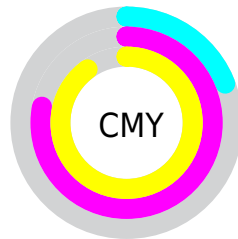
- Red (81%)
- Green (22%)
- Blue (10%)



- Red (81%)
- Yellow (25%)
- Blue (10%)



- Cyan (0%)
- Magenta (72%)
- Yellow (88%)
- Black (19%)


















- Cyan (19%)
- Magenta (78%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.9030, 99.0760, 21.6360 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 97.9030, 99.0760, 21.6360 by changing the saturation by 10% instead.

 97.9030, 99.0760, 21.6360	 97.9030, 99.0760, 21.6360
255.0000, -0.0000, -0.0000	 64.9400, 97.6540, 25.3820
 151.5990, 96.8760, 17.4520	 42.7570, 85.2280, 30.3160
 170.2980, 81.4260, 11.1060	 33.4880, 66.7520, 23.7440
 190.1710, 65.4260, 3.7140	 24.2190, 48.2760, 17.1720
 209.6850, 49.0590, -2.5330	 16.0750, 30.9460, 11.8580
 229.7860, 32.4170, -9.3030	 1.1960, 2.3840, 0.8480
 249.4140, 15.7290,	 0.0000, 0.0000,

-15.2390

0.0000

252.6060, 6.7410,
-6.5310

97.9030, 99.0760,
21.6360

97.9030, 99.0760,
21.6360

85.5300, 110.4920,
23.9960

110.2760, 87.6600,
19.2760

82.7260, 112.8760,
24.8440

122.5350, 76.5650,
16.6050

134.9080, 65.1490,
14.2450

147.2810, 53.7330,
11.8850

159.5400, 42.6380,
9.2140

■ 171.9130, 31.2220,
6.8540

■ 184.1720, 20.1270,
4.1830

■ 196.5450, 8.7110,
1.8230

■ 208.9180, -2.7050,
-0.5370

Harmonies

Analogous

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



76.5240, 103.7430, 74.7430



97.9030, 99.0760, 21.6360



105.1110, 73.6820, -13.7580

Triad

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



97.9030, 99.0760, 21.6360



87.6980, -59.5490, -49.6690



93.1040, -107.8400, 16.0640

Complementary

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



97.9030, 99.0760, 21.6360



133.0970, -99.0760, -21.6360

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.



103.2140, -111.5060, 5.4060



97.9030, 99.0760, 21.6360



97.2110, -82.2020, -30.0900

Square

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



97.9030, 99.0760, 21.6360



83.1870, -22.0420, -63.1140



103.4640, -101.1870, -10.9070



112.9560, -3.5860, 53.9980

Rectangle

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



97.9030, 99.0760, 21.6360



104.9240, 48.7430, -29.8570



103.4640, -101.1870, -10.9070



97.5550, -110.7280, 13.3360

Sweetspot

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



97.9030, 99.0760, 21.6360



215.1910, 36.3110, 8.2390



96.3330, 59.4050, 85.3330



104.0690, 21.9150, 4.8190



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.



97.9030, 99.0760, 21.6360



102.6600, 139.6050, 30.5250



150.1460, 74.6010, -24.9110



96.1640, 5.4100, 1.0740



66.6570, 90.9610, 20.0250



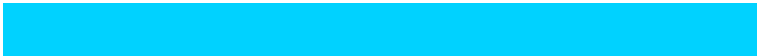
15.4710, 20.7230, 4.3950

Inverse Universe

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



133.0970, -99.0760, -21.6360



152.3400, -139.6050, -30.5250



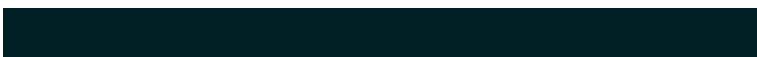
80.8540, -74.6010, 24.9110



97.8360, -5.4100, -1.0740



99.3430, -90.9610, -20.0250



23.1160, -20.9980, -4.9180

Previews

White Background



This preview shows how the YIQ color 97.9030, 99.0760, 21.6360 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 97.9030, 99.0760, 21.6360 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 97.9030, 99.0760, 21.6360

Background



This preview shows how black text looks on a background with the YIQ color 97.9030, 99.0760, 21.6360.



This preview shows how white text looks on a background with the YIQ color 97.9030, 99.0760,

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

97.9030, 99.0760, 21.6360

Protanopia

108.4510, 31.5020, -20.2580

Deuteranopia

105.2670, 55.2070, -25.8570



Tritanopia

99.9750, 90.5460, 33.0580

Trichromacy



Original Color

97.9030, 99.0760, 21.6360

Protanomaly

104.8120, 55.8910, -5.2050

Deuteranomaly

102.6040, 70.9760, -8.7680

Tritanomaly

99.3080, 93.8020, 29.1140

Monochromacy



Original Color

97.9030, 99.0760, 21.6360

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.7780, 36.0360, 7.7160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.9030, 99.0760, 21.6360 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(206, 57, 25)` looks like.

```
.text, #text, p{  
    color:rgb(206, 57, 25)  
}
```

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(206, 57, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 57, 25) }
```

Border

The CSS property to change the border of an element to YIQ 97.9030, 99.0760, 21.6360 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(206, 57, 25) }
```


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

```
.border{ border-color:rgb(206, 57, 25) }
```

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

Here you see how a box with a 4 pixel rgb(206, 57, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 57, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 57, 25);  
box-shadow:4px 4px 4px 4px rgb(206, 57,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 97.9030, 99.0760, 21.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 57, 25) }
```

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

```
.background{ background-color: rgb(206, 57,  
25) }
```

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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