

Converting Colors

YIQ(98.5290, 138.5960, 32.2920)

Have a look what the booklet for
YIQ(98.5290, 138.5960, 32.2920)
contains.

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Color

**YIQ(98.5290, 138.5960,
32.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	FB2800
RGB	251, 40, 0
RGB Percent	98%, 16%, 0%
CMY	0.0152, 0.8434, 0.9994
CMYK	0.00, 0.84, 1.00, 0.02
HSL	10°, 100%, 49%
HSV	10°, 100%, 98%
XYZ	40.5841, 22.0438, 2.1201
YIQ	98.5290, 138.5960, 32.2920

Conversions

Conversions Part 2

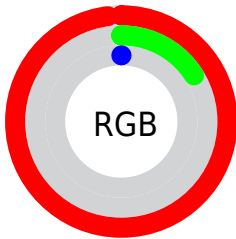
Format	Color
R_{YB}	251, 48, 0
Decimal	16459776
CIE _{Lab}	54.07, 74.47, 67.01
CIE _{LCh}	54, 100.180, 41.982
Yxy	22.0438, 0.6268, 0.3405
Android (android.graphics.Color)	4294649856 (0xFFFB2800)
YUV	98.5290, -48.5748, 133.7171
Hunter-Lab	46.9508, 72.1310, 30.1883

Details

The YIQ color **98.5290, 138.5960, 32.2920** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **152.4710, -138.5960, -32.2920**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0680, 102.7450, 15.7130**, and **55.0160, 109.6640, 39.0080** is the 20% darker color. If you saturate the color by 10%, you get **98.5290, 138.5960, 32.2920**, and if you desaturate by 10%, it is **113.7060, 124.7960, 29.0840**.

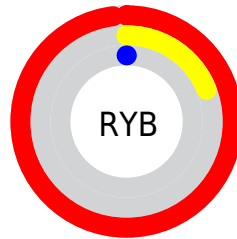
Distribution



Red (98%)

Green (16%)

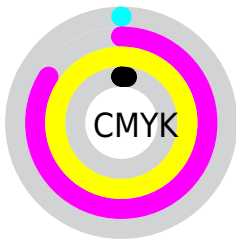
Blue (0%)



Red (98%)

Yellow (19%)

Blue (0%)

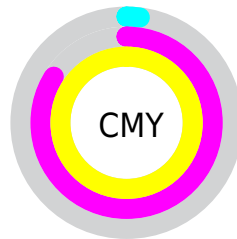


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (84%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.5290, 138.5960, 32.2920 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 98.5290, 138.5960, 32.2920 by changing the saturation by 10% instead.


 98.5290, 138.5960,
32.2920


 98.5290, 138.5960,
32.2920


 254.5440, 1.2840,
-1.2440


 64.8830, 129.3320,
46.0040


 147.0680,
102.7450, 15.7130


 55.0160, 109.6640,
39.0080


 167.6420, 86.1490,
8.1090


 45.1490, 89.9960,
32.0120


 188.2160, 69.5530,
0.5050

 35.2820, 70.3280,
25.0160

 208.3170, 52.9110,
-6.2650

 26.3550, 50.8890,
19.3770

 229.0050, 35.9940,
-13.5580


 17.2710, 33.3300,
12.7060

 248.0460, 19.5810,


 4.4850, 8.9400,


-18.9710

3.1800

 251.2380, 10.5930,
-10.2630


 0.0000, 0.0000,
0.0000


 98.5290, 138.5960,
32.2920

 113.7060,
124.7960, 29.0840

 128.8830,
110.9960, 25.8760

 144.0600, 97.1960,
22.6680

 159.3510, 83.0750,
19.7710

 175.1150, 69.0000,
16.0400

■ 190.2920, 55.2000,
12.8320

■ 205.4690, 41.4000,
9.6240

■ 220.6460, 27.6000,
6.4160

■ 235.8230, 13.8000,
3.2080

Harmonies

Analogous

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



87.5310, 120.2010, 84.8490



98.5290, 138.5960, 32.2920



121.1360, 89.7290, -12.7270

Triad

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



98.5290, 138.5960, 32.2920



102.0140, -66.7910, -61.5990



105.3800, -117.6050, 11.3150

Complementary

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



98.5290, 138.5960, 32.2920



152.4710, -138.5960, -32.2920

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.



119.4680, -124.2050, -1.2370



98.5290, 138.5960, 32.2920



114.2630, -97.1480, -34.5560

Square

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



98.5290, 138.5960, 32.2920



89.8110, -42.0750, -80.0190



123.6110, -123.4700, -9.0540



127.7350, -3.6810, 72.2470

Rectangle

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



98.5290, 138.5960, 32.2920



120.8830, 55.9880, -34.5080



123.6110, -123.4700, -9.0540



111.8370, -120.6300, 5.5620

Sweetspot

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



98.5290, 138.5960, 32.2920



208.7680, 41.9960, 9.8360



99.3310, 81.2230, 119.4550



99.8630, 25.4910, 6.0910



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.



98.5290, 138.5960, 32.2920



99.7250, 140.9800, 33.1400



170.7300, 104.7710, -32.0370



117.0610, 7.1980, 1.7100



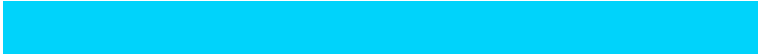
74.1210, 104.3940, 24.3780



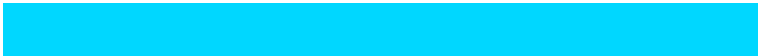
24.1090, 33.6060, 7.7020

Inverse Universe

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



152.4710, -138.5960, -32.2920



155.2750, -140.9800, -33.1400



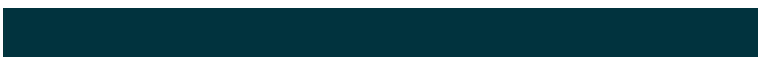
80.2700, -104.7710, 32.0370



119.9390, -7.1980, -1.7100



114.8790, -104.3940, -24.3780



36.8910, -33.6060, -7.7020

Previews

White Background



This preview shows how the YIQ color 98.5290, 138.5960, 32.2920 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 98.5290, 138.5960, 32.2920 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 98.5290, 138.5960, 32.2920

Background



This preview shows how black text looks on a background with the YIQ color 98.5290, 138.5960, 32.2920.



This preview shows how white text looks on a background with the YIQ color 98.5290, 138.5960,

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

98.5290, 138.5960, 32.2920

Protanopia

123.4980, 41.3150, -27.3970

Deuteranopia

121.2370, 63.9190, -29.5610



Tritanopia

101.3450, 127.9110, 44.2230

Trichromacy



Original Color

98.5290, 138.5960, 32.2920

Protanomaly

114.2350, 76.5690, -5.5030

Deuteranomaly

113.1950, 91.2410, -7.0870

Tritanomaly

100.4500, 131.8090, 39.6570

Monochromacy



Original Color

98.5290, 138.5960, 32.2920

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0140, 50.1110, 11.4470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.5290, 138.5960, 32.2920 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(251, 40, 0)` looks like.

```
.text, #text, p{  
    color:rgb(251, 40, 0)  
}
```

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(251, 40, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 40, 0) }
```

Border

The CSS property to change the border of an element to YIQ 98.5290, 138.5960, 32.2920 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(251, 40, 0) }
```


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

```
.border{ border-color:rgb(251, 40, 0) }
```

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

Here you see how a box with a 4 pixel rgb(251, 40, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 40, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 40, 0);  
box-shadow:4px 4px 4px 4px rgb(251, 40, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 98.5290, 138.5960, 32.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 40, 0) }
```

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

```
.background{ background-color: rgb(251, 40,  
0) }
```

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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