

Converting Colors

YIQ(110.9940, 105.5890, 8.2210)

Have a look what the booklet for
YIQ(110.9940, 105.5890, 8.2210)
contains.

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Color

**YIQ(110.9940, 105.5890,
8.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	D94D08
RGB	217, 77, 8
RGB Percent	85%, 30%, 3%
CMY	0.1487, 0.6982, 0.9681
CMYK	0.00, 0.65, 0.96, 0.15
HSL	20°, 93%, 44%
HSV	20°, 96%, 85%
XYZ	31.3315, 20.0803, 2.4577
YIQ	110.9940, 105.5890, 8.2210

Conversions

Conversions Part 2

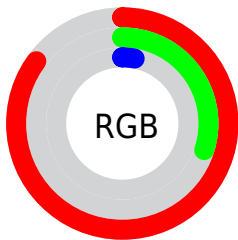
Format	Color
RYB	217, 111, 8
Decimal	14241032
CIELab	51.93, 52.60, 60.59
CIELCh	52, 80.242, 49.038
Yxy	20.0803, 0.5816, 0.3728
Android (android.graphics.Color)	4292431112 (0xFFD94D08)
YUV	110.9940, -50.7760, 92.9673
Hunter-Lab	44.8111, 46.3861, 28.1159

Details

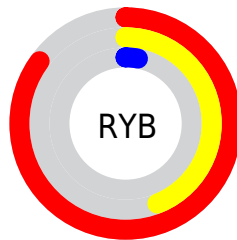
The YIQ color **110.9940, 105.5890, 8.2210** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **114.0060, -105.5890, -8.2210**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1390, 94.8150, 5.2390**, and **53.3780, 87.6130, 25.6370** is the 20% darker color. If you saturate the color by 10%, you get **107.1470, 109.5320, 8.3480**, and if you desaturate by 10%, it is **122.3070, 94.4020, 7.2180**.

Distribution



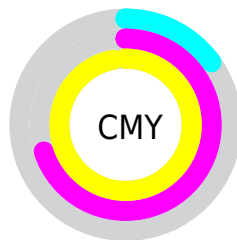
- Red (85%)
- Green (30%)
- Blue (3%)



- Red (85%)
- Yellow (44%)
- Blue (3%)



- Cyan (0%)
- Magenta (65%)
- Yellow (96%)
- Black (15%)





- Cyan (15%)
- Magenta (70%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.9940, 105.5890, 8.2210 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 110.9940, 105.5890, 8.2210 by changing the saturation by 10% instead.


 110.9940,
105.5890, 8.2210


 110.9940,
105.5890, 8.2210


255.0000, -0.0000,
-0.0000


 84.0780, 96.7850,
13.5930


 161.1390, 94.8150,
5.2390


 53.3780, 87.6130,
25.6370


 179.9520, 79.0440,
-0.7960

 36.4780, 72.7120,
25.8640


 199.3520, 62.9980,
-7.3540

 27.5080, 54.8320,
19.5040

 219.4530, 46.3560,
-14.1240

 19.3640, 37.5020,
14.1900

 239.5540, 29.7140,
-20.8940

 9.6820, 18.7510,
7.0950

 248.6160, 17.9760,

 0.0000, 0.0000,

-17.4160

0.0000

■ 251.9220, 8.6670,
-8.3970

■ 110.9940,
105.5890, 8.2210

■ 110.9940,
105.5890, 8.2210

■ 107.1470,
109.5320, 8.3480

■ 122.3070, 94.4020,
7.2180

■ 133.0330, 83.4900,
6.7380

■ 144.2320, 72.6240,
5.4240

■ 154.9580, 61.7120,
4.9440

■ 166.2710, 50.5250,
3.9410

■ 176.8830, 39.9340,
3.1500

■ 188.1960, 28.7470,
2.1470

■ 198.9220, 17.8350,
1.6670

■ 210.1210, 6.9690,
0.3530

Harmonies

Analogous

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



97.7720, 108.3760, 62.3600



110.9940, 105.5890, 8.2210



116.8730, 71.1160, -22.3240

Triad

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



110.9940, 105.5890, 8.2210



99.4670, -72.0200, -49.4280



101.0380, -107.4740, 20.4460

Complementary

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



110.9940, 105.5890, 8.2210



114.0060, -105.5890, -8.2210

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.



111.2500, -120.3550, 6.0850



110.9940, 105.5890, 8.2210



108.8490, -95.6820, -28.0820

Square

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



110.9940, 105.5890, 8.2210



86.8420, -43.3600, -73.2480



114.0420, -114.4380, -7.5420



124.1050, 15.3480, 63.2840

Rectangle

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



110.9940, 105.5890, 8.2210



114.6040, 43.4720, -38.9600



114.0420, -114.4380, -7.5420



103.0320, -116.5050, 13.4070

Sweetspot

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



110.9940, 105.5890, 8.2210



217.2140, 37.5040, 3.1360



86.7930, 78.6610, 88.7810



105.2600, 22.6950, 1.6950



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.



110.9940, 105.5890, 8.2210



125.5530, 128.8800, 10.1280



170.8680, 77.5390, -45.1250



104.0500, 5.7310, 0.7630



85.1860, 87.4330, 6.8650



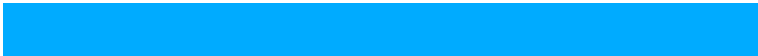
22.5590, 23.2910, 1.9070

Inverse Universe

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



114.0060, -105.5890, -8.2210



129.4470, -128.8800, -10.1280



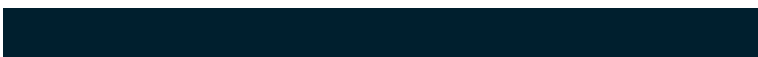
54.1320, -77.5390, 45.1250



104.3630, -5.4560, -0.2400



87.8140, -87.4330, -6.8650



23.4410, -23.2910, -1.9070

Previews

White Background



This preview shows how the YIQ color 110.9940, 105.5890, 8.2210 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 110.9940, 105.5890, 8.2210 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 110.9940, 105.5890, 8.2210

Background



This preview shows how black text looks on a background with the YIQ color 110.9940, 105.5890, 8.2210.



This preview shows how white text looks on a background with the YIQ color 110.9940, 105.5890, 8.2210.

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

110.9940, 105.5890, 8.2210

Protanopia

117.9710, 41.3610, -28.2310

Deuteranopia

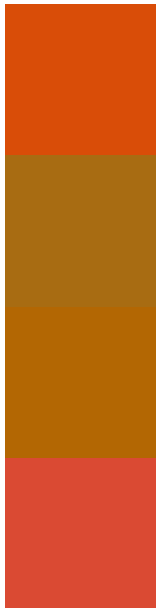
116.2090, 61.1220, -28.4300



Tritanopia

116.4090, 86.3280, 32.4080

Trichromacy



Original Color

110.9940, 105.5890, 8.2210

Protanomaly

115.6800, 64.6500, -15.2700

Deuteranomaly

114.3240, 77.3960, -14.9880

Tritanomaly

114.4340, 93.2070, 23.3750

Monochromacy



Original Color

110.9940, 105.5890, 8.2210

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.3990, 38.4210, 3.0370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.9940, 105.5890, 8.2210 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(217, 77, 8)` looks like.

```
.text, #text, p{  
    color:rgb(217, 77, 8)  
}
```

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(217, 77, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 77, 8) }
```

Border

The CSS property to change the border of an element to YIQ 110.9940, 105.5890, 8.2210 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(217, 77, 8) }
```


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

```
.border{ border-color:rgb(217, 77, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 77, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 77, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 77, 8);  
box-shadow:4px 4px 4px 4px rgb(217, 77, 8)  
}
```

Background

The CSS property to change the background color of an element to YIQ 110.9940, 105.5890, 8.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 77, 8) }
```

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

```
.background{ background-color: rgb(217, 77,  
8) }
```

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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