

Converting Colors

YIQ(113.3930, 100.4520,
18.7240)

Have a look what the booklet for
YIQ(113.3930, 100.4520, 18.7240)
contains.

YIQ(113.3930, 100.4520, 18.7240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(113.3930, 100.4520,
18.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	DD4A22
RGB	221, 74, 34
RGB Percent	87%, 29%, 13%
CMY	0.1330, 0.7100, 0.8662
CMYK	0.00, 0.67, 0.85, 0.13
HSL	13°, 73%, 50%
HSV	13°, 85%, 87%
XYZ	32.5790, 20.3906, 3.7403
YIQ	113.3930, 100.4520, 18.7240

Conversions

Conversions Part 2

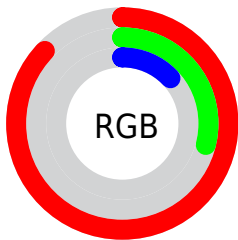
Format	Color
RYB	221, 85, 34
Decimal	14502434
CIELab	52.28, 55.63, 52.70
CIElCh	52, 76.629, 43.453
Yxy	20.3906, 0.5745, 0.3596
Android (android.graphics.Color)	4292692514 (0xFFDD4A22)
YUV	113.3930, -39.1407, 94.3713
Hunter-Lab	45.1559, 49.7609, 26.6981

Details

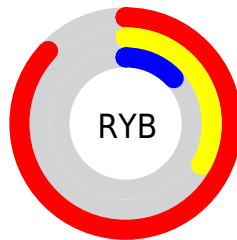
The YIQ color **113.3930, 100.4520, 18.7240** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **141.6070, -100.4520, -18.7240**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4300, 89.8620, 12.4060**, and **47.8290, 93.8930, 32.9730** is the 20% darker color. If you saturate the color by 10%, you get **100.9060, 112.1890, 20.7730**, and if you desaturate by 10%, it is **125.8800, 88.7150, 16.6750**.

Distribution



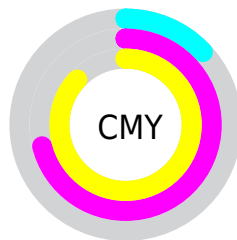
- Red (87%)
- Green (29%)
- Blue (13%)



- Red (87%)
- Yellow (33%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (85%)
- Black (13%)





- Cyan (13%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.3930, 100.4520, 18.7240 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 113.3930, 100.4520, 18.7240 by changing the saturation by 10% instead.


 113.3930,
100.4520, 18.7240


 113.3930,
100.4520, 18.7240


255.0000, -0.0000,
-0.0000


 83.1370, 98.2970,
19.2330


 161.4300, 89.8620,
12.4060


 47.8290, 93.8930,
32.9730


 180.7160, 74.1370,
5.5370


 37.6740, 75.0960,
26.7120


 200.8170, 57.4950,
-1.2330

 28.4050, 56.6200,
20.1400

 220.8040, 41.1740,
-8.3140

 20.2610, 39.2900,
14.8260

 241.0190, 24.2110,
-14.7730

 10.8780, 21.1350,
7.9430

 250.6680, 12.1980,

 0.0000, 0.0000,

-11.8180

0.0000

253.9740, 2.8890,
-2.7990

113.3930,
100.4520, 18.7240

113.3930,
100.4520, 18.7240

100.9060,
112.1890, 20.7730

125.8800, 88.7150,
16.6750

93.6680, 118.7910,
22.2710

138.9540, 76.7030,
14.1030

151.4410, 64.9660,
12.0540

164.6290, 52.6330,
9.7930

177.1160, 40.8960,
7.7440

■ 189.6030, 29.1590,
5.6950

■ 202.6770, 17.1470,
3.1230

■ 215.1640, 5.4100,
1.0740

■ 228.2380, -6.6020,
-1.4980

Harmonies

Analogous

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



104.0530, 100.2150, 61.5830



113.3930, 100.4520, 18.7240



117.2160, 77.5800, -18.3240

Triad

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



113.3930, 100.4520, 18.7240



98.3270, -68.8100, -52.5380



101.1570, -115.3590, 14.6650

Complementary

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



113.3930, 100.4520, 18.7240



141.6070, -100.4520, -18.7240

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.



112.6690, -120.2170, 3.5830



113.3930, 100.4520, 18.7240



107.3670, -91.5090, -32.1250

Square

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



113.3930, 100.4520, 18.7240



95.2920, -18.1440, -67.6800



113.1470, -110.5400, -12.1080



127.0490, 0.5860, 55.4820

Rectangle

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



113.3930, 100.4520, 18.7240



116.4310, 51.4490, -34.8470



113.1470, -110.5400, -12.1080



105.9670, -117.8800, 10.7920

Sweetspot

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



113.3930, 100.4520, 18.7240



218.3540, 34.2940, 6.2460



107.0130, 63.3020, 86.2940



105.3570, 21.0440, 4.0840



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.



113.3930, 100.4520, 18.7240



107.9430, 137.1300, 25.8180



166.8100, 75.4270, -28.8690



103.4630, 6.0060, 1.2860



73.4460, 92.9330, 17.3250



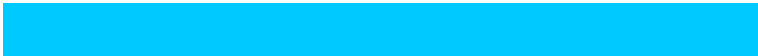
19.6240, 24.6660, 4.5220

Inverse Universe

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



141.6070, -100.4520, -18.7240



147.0570, -137.1300, -25.8180



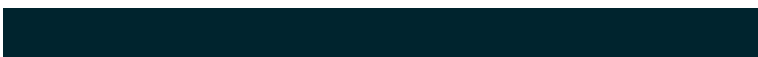
88.1900, -75.4270, 28.8690



104.9500, -5.7310, -0.7630



99.5540, -92.9330, -17.3250



26.3760, -24.6660, -4.5220

Previews

White Background



This preview shows how the YIQ color 113.3930, 100.4520, 18.7240 looks on a white background.

Color Contrast Check

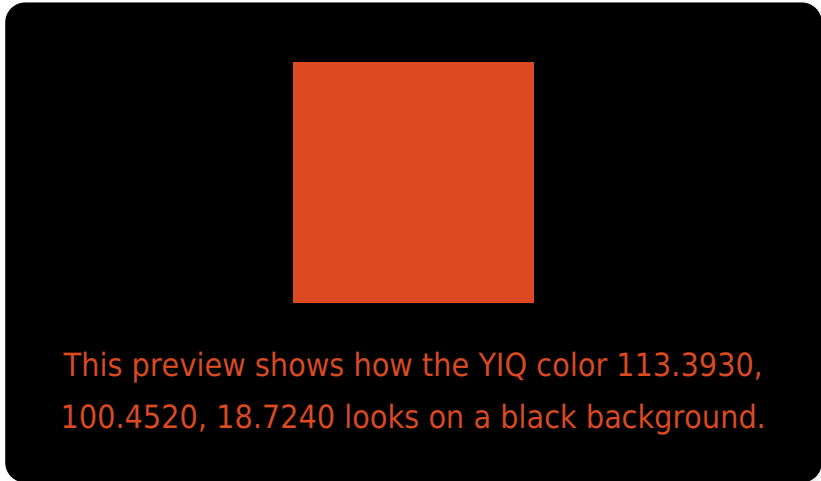
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 113.3930, 100.4520, 18.7240

Background



This preview shows how black text looks on a background with the YIQ color 113.3930, 100.4520, 18.7240.



This preview shows how white text looks on a background with the YIQ color 113.3930, 100.4520,

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

113.3930, 100.4520, 18.7240

Protanopia

120.5930, 33.9780, -21.0780

Deuteranopia

118.4630, 57.5910, -25.0090



Tritanopia

115.7900, 89.6290, 33.1570

Trichromacy



Original Color

113.3930, 100.4520, 18.7240

Protanomaly

117.5410, 58.0920, -6.5480

Deuteranomaly

116.8600, 73.1310, -9.2770

Tritanomaly

114.7810, 93.8480, 28.2800

Monochromacy



Original Color

113.3930, 100.4520, 18.7240

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.1370, 36.4030, 6.5710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3930, 100.4520, 18.7240 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(221, 74, 34)` looks like.

```
.text, #text, p{  
    color:rgb(221, 74, 34)  
}
```

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(221, 74, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 74, 34) }
```

Border

The CSS property to change the border of an element to YIQ 113.3930, 100.4520, 18.7240 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(221, 74, 34) }
```


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

```
.border{ border-color:rgb(221, 74, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 74, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 74, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 74, 34);  
box-shadow:4px 4px 4px 4px rgb(221, 74,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3930, 100.4520, 18.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 74, 34) }
```

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

```
.background{ background-color: rgb(221, 74,  
34) }
```

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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