

Converting Colors

YIQ(114.7290, 81.2900, 2.5540)

Have a look what the booklet for
YIQ(114.7290, 81.2900, 2.5540)
contains.

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Color

**YIQ(114.7290, 81.2900,
2.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	C25B1D
RGB	194, 91, 29
RGB Percent	76%, 36%, 11%
CMY	0.2390, 0.6433, 0.8859
CMYK	0.00, 0.53, 0.85, 0.24
HSL	23°, 74%, 44%
HSV	23°, 85%, 76%
XYZ	26.2220, 19.0402, 3.4616
YIQ	114.7290, 81.2900, 2.5540

Conversions

Conversions Part 2

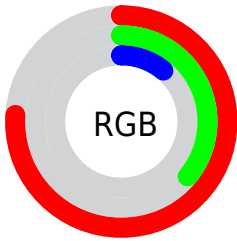
Format	Color
RYB	194, 128, 29
Decimal	12737309
CIELab	50.73, 37.85, 51.70
CIElCh	51, 64.074, 53.793
Yxy	19.0402, 0.5382, 0.3908
Android (android.graphics.Color)	4290927389 (0xFFC25B1D)
YUV	114.7290, -42.2644, 69.5207
Hunter-Lab	43.6351, 30.9059, 25.8410

Details

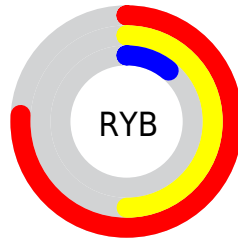
The YIQ color **114.7290, 81.2900, 2.5540** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **108.2710, -81.2900, -2.5540**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1920, 87.2960, 3.8400**, and **63.8340, 67.9930, 6.7530** is the 20% darker color. If you saturate the color by 10%, you get **105.5190, 90.6890, 2.9210**, and if you desaturate by 10%, it is **124.0530, 71.5700, 2.4980**.

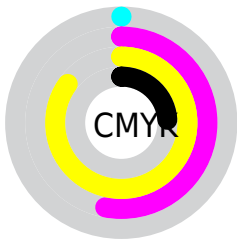
Distribution



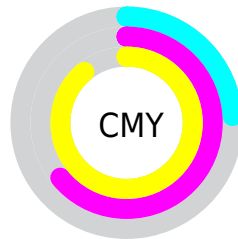
- Red (76%)
- Green (36%)
- Blue (11%)



- Red (76%)
- Yellow (50%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7290, 81.2900, 2.5540 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 114.7290, 81.2900, 2.5540 by changing the saturation by 10% instead.

114.7290, 81.2900,
2.5540

114.7290, 81.2900,
2.5540

255.0000, -0.0000,
-0.0000

87.4790, 78.9980,
0.0380

169.1920, 87.2960,
3.8400

64.1330, 68.5890,
6.9650

188.0050, 71.5250,
-2.1950

38.7270, 58.4090,
15.2490

207.4050, 55.4790,
-8.7530

22.4250, 44.7000,
15.9000

226.9190, 39.1120,
-15.0000

15.0640, 29.4790,
10.9110

247.0200, 22.4700,
-21.7700

0.0000, 0.0000,
0.0000

250.2120, 13.4820,

-13.0620

253.5180, 4.1730,
-4.0430

114.7290, 81.2900,
2.5540

114.7290, 81.2900,
2.5540

105.5190, 90.6890,
2.9210

124.0530, 71.5700,
2.4980

100.8570, 95.5490,
2.9490

133.2630, 62.1710,
2.1310

142.4730, 52.7720,
1.7640

151.7970, 43.0520,
1.7080

161.5940, 33.3780,
0.8180

■ 170.9180, 23.6580,
0.7620

■ 180.1280, 14.2590,
0.3950

■ 189.3380, 4.8600,
0.0280

■ 198.6620, -4.8600,
-0.0280

Harmonies

Analogous

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



112.1470, 84.3100, 35.9420



114.7290, 81.2900, 2.5540



113.2630, 61.0300, -26.7620

Triad

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



114.7290, 81.2900, 2.5540



97.3130, -74.2220, -42.5580



118.5710, -45.7630, 30.9170

Complementary

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



114.7290, 81.2900, 2.5540



108.2710, -81.2900, -2.5540

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.



103.1170, -109.8550, 3.0170



114.7290, 81.2900, 2.5540



103.8110, -92.5190, -24.8310

Square

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



114.7290, 81.2900, 2.5540



87.9940, -54.8710, -57.3590



107.1800, -106.1390, -9.2670



122.8370, 21.4940, 51.0140

Rectangle

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



114.7290, 81.2900, 2.5540



110.4400, 38.0620, -40.0340



107.1800, -106.1390, -9.2670



105.4130, -86.8410, 15.4550

Sweetspot

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



114.7290, 81.2900, 2.5540



220.5230, 32.1400, 1.2280



90.3050, 64.6350, 67.6350



108.7650, 19.7150, 0.6350



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.



114.7290, 81.2900, 2.5540



131.1130, 124.0670, 3.7390



162.2760, 59.0150, -39.8090



92.3380, 4.8600, 0.0280



83.3590, 79.4560, 2.7520



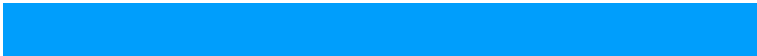
16.9110, 16.3680, 0.7200

Inverse Universe

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



108.2710, -81.2900, -2.5540



121.4740, -124.3420, -4.2620



60.7240, -59.0150, 39.8090



91.6620, -4.8600, -0.0280



77.0540, -79.1810, -2.2290



16.0890, -16.3680, -0.7200

Previews

White Background



This preview shows how the YIQ color 114.7290, 81.2900, 2.5540 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 114.7290, 81.2900, 2.5540 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 114.7290, 81.2900, 2.5540

Background



This preview shows how black text looks on a background with the YIQ color 114.7290, 81.2900, 2.5540.



This preview shows how white text looks on a background with the YIQ color 114.7290, 81.2900,

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

114.7290, 81.2900, 2.5540

Protanopia

116.4960, 35.6290, -23.4670

Deuteranopia

115.0760, 54.4270, -22.7330



Tritanopia

118.8730, 64.2300, 25.3980

Trichromacy



Original Color

114.7290, 81.2900, 2.5540

Protanomaly

115.9760, 52.1330, -14.1950

Deuteranomaly

114.8480, 64.2370, -13.2910

Tritanomaly

117.1260, 70.4670, 16.9870

Monochromacy



Original Color

114.7290, 81.2900, 2.5540

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.8540, 29.7100, 1.2140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7290, 81.2900, 2.5540 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(194, 91, 29)` looks like.

```
.text, #text, p{  
    color:rgb(194, 91, 29)  
}
```

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(194, 91, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 91, 29) }
```

Border

The CSS property to change the border of an element to YIQ 114.7290, 81.2900, 2.5540 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(194, 91, 29) }
```


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

```
.border{ border-color:rgb(194, 91, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 91, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 91, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 91, 29);  
box-shadow:4px 4px 4px 4px rgb(194, 91,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7290, 81.2900, 2.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 91, 29) }
```

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

```
.background{ background-color: rgb(194, 91,  
29) }
```

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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