

Converting Colors

YIQ(115.9140, 91.3750, 12.5190)

Have a look what the booklet for
YIQ(115.9140, 91.3750, 12.5190)
contains.

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Color

**YIQ(115.9140, 91.3750,
12.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	D35324
RGB	211, 83, 36
RGB Percent	83%, 33%, 14%
CMY	0.1723, 0.6747, 0.8584
CMYK	0.00, 0.61, 0.83, 0.17
HSL	16°, 71%, 48%
HSV	16°, 83%, 83%
XYZ	30.2932, 20.1655, 3.9729
YIQ	115.9140, 91.3750, 12.5190

Conversions

Conversions Part 2

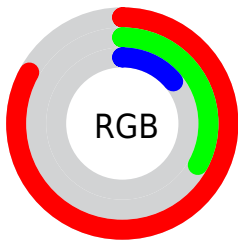
Format	Color
RYB	211, 100, 36
Decimal	13849380
CIELab	52.02, 48.33, 50.95
CIELCh	52, 70.225, 46.509
Yxy	20.1655, 0.5565, 0.3705
Android (android.graphics.Color)	4292039460 (0xFFD35324)
YUV	115.9140, -39.3976, 83.3904
Hunter-Lab	44.9060, 41.8290, 26.1887

Details

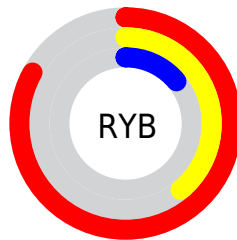
The YIQ color **115.9140, 91.3750, 12.5190** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **131.0860, -91.3750, -12.5190**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3540, 87.0200, 8.8440**, and **60.4000, 81.3790, 17.4670** is the 20% darker color. If you saturate the color by 10%, you get **104.1280, 102.5160, 14.3560**, and if you desaturate by 10%, it is **127.1130, 80.5090, 11.2050**.

Distribution



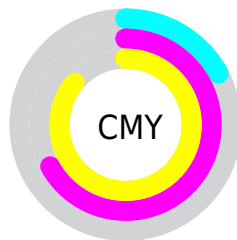
- Red (83%)
- Green (33%)
- Blue (14%)



- Red (83%)
- Yellow (39%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (83%)
- Black (17%)



- Cyan (17%)
- Magenta (67%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.9140, 91.3750, 12.5190 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 115.9140, 91.3750, 12.5190 by changing the saturation by 10% instead.

115.9140, 91.3750,
12.5190

115.9140, 91.3750,
12.5190

255.0000, -0.0000,
-0.0000

87.7180, 88.9910,
11.6710

166.3540, 87.0200,
8.8440

59.8130, 81.6540,
17.9900

185.1670, 71.2490,
2.8090

35.2820, 70.3280,
25.0160

204.5670, 55.2030,
-3.7490

26.3120, 52.4480,
18.6560

224.6680, 38.5610,
-10.5190

18.0540, 35.4390,
13.0310

244.7690, 21.9190,
-17.2890

8.1870, 15.7710,
6.0350

250.8960, 11.5560,

0.0000, 0.0000,

-11.1960

0.0000

254.2020, 2.2470,
-2.1770

115.9140, 91.3750,
12.5190

115.9140, 91.3750,
12.5190

104.1280,
102.5160, 14.3560

127.1130, 80.5090,
11.2050

96.5480, 110.0810,
14.9210

138.8990, 69.3680,
9.3680

150.0980, 58.5020,
8.0540

161.9980, 47.0400,
6.5280

173.1970, 36.1740,
5.2140

■ 184.9830, 25.0330,
3.3770

■ 196.1820, 14.1670,
2.0630

■ 207.9680, 3.0260,
0.2260

■ 219.1670, -7.8400,
-1.0880

Harmonies

Analogous

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



111.4720, 91.1850, 49.0170



115.9140, 91.3750, 12.5190



116.5850, 71.9870, -21.5890

Triad

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



115.9140, 91.3750, 12.5190



98.1790, -71.1490, -48.6930



109.2760, -87.7130, 20.2470

Complementary

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



115.9140, 91.3750, 12.5190



131.0860, -91.3750, -12.5190

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.



109.1810, -115.9070, 2.5650



115.9140, 91.3750, 12.5190



106.5350, -91.9220, -30.1460

Square

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



115.9140, 91.3750, 12.5190



98.3100, -26.5820, -57.9260



110.9300, -108.4310, -11.7830



127.0620, 7.7390, 52.4990

Rectangle

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



115.9140, 91.3750, 12.5190



115.2240, 47.5980, -36.6420



110.9300, -108.4310, -11.7830



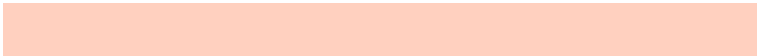
102.4790, -113.5700, 9.7740

Sweetspot

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



115.9140, 91.3750, 12.5190



220.1150, 33.4690, 4.6770



102.9170, 63.2120, 76.9080



106.5310, 20.4940, 3.0380



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.



115.9140, 91.3750, 12.5190



117.6770, 131.7670, 18.3830



166.9830, 67.4500, -32.9820



99.0500, 5.7310, 0.7630



76.6470, 87.7530, 12.0810



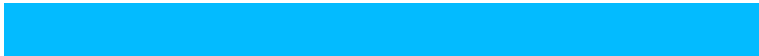
18.7160, 21.4110, 2.9390

Inverse Universe

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



131.0860, -91.3750, -12.5190



139.7360, -131.4920, -17.8600



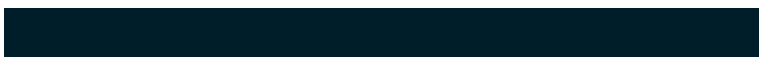
80.0170, -67.4500, 32.9820



99.9500, -5.7310, -0.7630



91.3530, -87.7530, -12.0810



22.2840, -21.4110, -2.9390

Previews

White Background



This preview shows how the YIQ color 115.9140, 91.3750, 12.5190 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 115.9140, 91.3750, 12.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

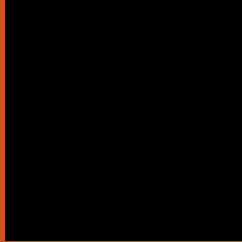
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 115.9140, 91.3750, 12.5190

Background



This preview shows how black text looks on a background with the YIQ color 115.9140, 91.3750, 12.5190.



This preview shows how white text looks on a background with the YIQ color 115.9140, 91.3750,

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

115.9140, 91.3750, 12.5190

Protanopia

120.2940, 33.3820, -21.2900

Deuteranopia

118.7170, 54.0600, -21.5880



Tritanopia

118.9350, 78.8550, 30.1750

Trichromacy



Original Color

115.9140, 91.3750, 12.5190

Protanomaly

118.8070, 54.2870, -9.1770

Deuteranomaly

117.6360, 67.9500, -8.9940

Tritanomaly

117.8720, 83.1660, 23.6300

Monochromacy



Original Color

115.9140, 91.3750, 12.5190

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.1150, 33.4690, 4.6770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.9140, 91.3750, 12.5190 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(211, 83, 36)` looks like.

```
.text, #text, p{  
    color:rgb(211, 83, 36)  
}
```

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(211, 83, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 83, 36) }
```

Border

The CSS property to change the border of an element to YIQ 115.9140, 91.3750, 12.5190 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(211, 83, 36) }
```


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

```
.border{ border-color:rgb(211, 83, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 83, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 83, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 83, 36);  
box-shadow:4px 4px 4px 4px rgb(211, 83,  
36) }
```

Background

The CSS property to change the background color of an element to YIQ 115.9140, 91.3750, 12.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 83, 36) }
```

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

```
.background{ background-color: rgb(211, 83,  
36) }
```

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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