

Converting Colors

YUV(115.1380, -42.4660,
87.5790)

Have a look what the booklet for
YUV(115.1380, -42.4660, 87.5790)
contains.

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Color

**YUV(115.1380, -42.4660,
87.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	D7511D
RGB	215, 81, 29
RGB Percent	84%, 32%, 11%
CMY	0.1569, 0.6824, 0.8863
CMYK	0.00, 0.62, 0.87, 0.16
HSL	17°, 76%, 48%
HSV	17°, 87%, 84%
XYZ	31.1885, 20.4206, 3.4602
YIQ	115.1380, 96.5560, 12.2360

Conversions

Conversions Part 2

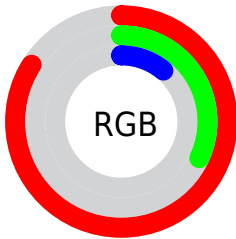
Format	Color
R _Y B	215, 101, 29
Decimal	14111005
CIE Lab	52.31, 50.43, 54.43
CIE LCh	52, 74.200, 47.181
Yxy	20.4206, 0.5664, 0.3708
Android (android.graphics.Color)	4292301085 (0xFFD7511D)
YUV	115.1380, -42.4660, 87.5790
Hunter-Lab	45.1892, 44.1154, 27.0926

Details

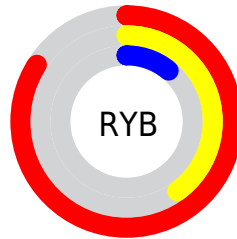
The YUV color **115.1380, -42.4660, 87.5790** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **128.8620, 42.4660, -87.5790**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4960, -42.1495, 79.3720**, and **58.3620, -28.7725, 82.1205** is the 20% darker color. If you saturate the color by 10%, you get **103.9390, -47.2979, 97.4005**, and if you desaturate by 10%, it is **126.4510, -37.1973, 77.6575**.

Distribution



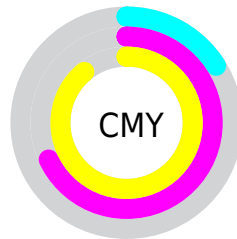
- Red (84%)
- Green (32%)
- Blue (11%)



- Red (84%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (62%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (68%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1380, -42.4660, 87.5790 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 YUV color 115.1380, -42.4660, 87.5790 by changing the saturation by 10% instead.

115.1380,
-42.4660, 87.5790

115.1380,
-42.4660, 87.5790

255.0000, 0.0000,
0.0000

86.4150, -42.6026,
84.7050

164.4960,
-42.1495, 79.3720

58.3620, -28.7725,
82.1205

183.8960,
-38.8957, 62.3582

36.1790, -17.8362,
74.3880

203.2960,
-35.6419, 45.3444

27.2090, -13.4140,
55.9447

223.2830,
-32.6775, 27.8158

18.9510, -8.8498,
38.6310

243.4980,
-28.8395, 10.0873

9.3830, -4.1328,
18.9581

250.2120,

0.0000, 0.0000,

-18.3455, 4.1991

0.0000

253.5180, -5.6784,
1.2997

115.1380,
-42.4660, 87.5790

115.1380,
-42.4660, 87.5790

103.9390,
-47.2979, 97.4005

126.4510,
-37.1973, 77.6575

99.5050, -49.0560,
101.2891

138.2370,
-32.6548, 67.3212

149.5500,
-27.3862, 57.3996

161.3360,
-22.8436, 47.0633

172.6490,
-17.5750, 37.1418

■ 184.4350,
-13.0325, 26.8055

■ 195.7480, -7.7638,
16.8840

■ 207.5340, -3.2213,
6.5477

■ 218.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



108.2280, -8.4934, 111.1790



115.1380, -42.4660, 87.5790



117.4710, -57.9132, 48.6989

Triad

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



115.1380, -42.4660, 87.5790



99.3530, -2.6390, -87.1326



106.4860, 69.7664, -70.5862

Complementary

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



115.1380, -42.4660, 87.5790



128.8620, 42.4660, -87.5790

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.



110.6800, 68.6848, -97.0664



115.1380, -42.4660, 87.5790



107.5780, 26.3370, -94.3459

Square

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



115.1380, -42.4660, 87.5790



93.0050, -35.0055, -65.7794



112.9020, 51.8133, -99.0151



126.9530, 41.9282, 38.6292

Rectangle

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



115.1380, -42.4660, 87.5790



115.5120, -56.9474, 18.8450



112.9020, 51.8133, -99.0151



103.9780, 73.4678, -91.1887

Sweetspot

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



115.1380, -42.4660, 87.5790



219.3000, -14.9379, 31.3089



100.1180, 31.9868, 100.7515



106.4170, -9.0796, 18.9283



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.



115.1380, -42.4660, 87.5790



117.9220, -58.1355, 120.2174



168.5550, -68.8006, 40.7323



101.0500, -2.4896, 5.2182



79.3050, -39.0974, 80.4165



19.9010, -9.8112, 20.2578

Inverse Universe

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



128.8620, 42.4660, -87.5790



137.0780, 58.1355, -120.2174



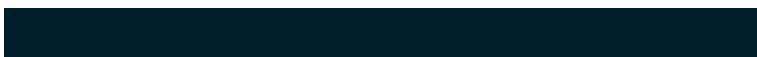
75.4450, 68.8006, -40.7323



101.9500, 2.4897, -5.2181



91.6950, 39.0974, -80.4165



23.0990, 9.8112, -20.2578

Previews

White Background



This preview shows how the YUV color 115.1380, -42.4660, 87.5790 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 YUV color 115.1380, -42.4660, 87.5790 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](#).

YUV 115.1380, -42.4660, 87.5790

Background



This preview shows how black text looks on a background with the YUV color 115.1380, -42.4660, 87.5790.



This preview shows how white text looks on a background with the YUV color 115.1380, -42.4660, 87.5790.

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

115.1380, -42.4660, 87.5790

Protanopia

120.3820, -39.6283, 17.2050

Deuteranopia

117.3940, -57.8752, 36.4885



Tritanopia

118.6150, -19.0372, 86.2836

Trichromacy



Original Color

115.1380, -42.4660, 87.5790

Protanomaly

118.6070, -40.7253, 42.4407

Deuteranomaly

116.4100, -51.9671, 54.8914

Tritanomaly

117.3240, -27.7677, 86.5389

Monochromacy



Original Color

115.1380, -42.4660, 87.5790

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1860, -15.3747, 31.4089

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1380, -42.4660, 87.5790 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(215, 81, 29)` looks like.

```
.text, #text, p{  
    color:rgb(215, 81, 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(215, 81, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 81, 29) }
```

Border

The CSS property to change the border of an element to YUV 115.1380, -42.4660, 87.5790 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(215, 81, 29) }
```


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

```
.border{ border-color:rgb(215, 81, 29) }
```

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

Here you see how a box with a 4 pixel rgb(215, 81, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 81, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 81, 29);  
box-shadow:4px 4px 4px 4px rgb(215, 81,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 115.1380, -42.4660, 87.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 81, 29) }
```

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

```
.background{ background-color: rgb(215, 81,  
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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