

Converting Colors

YUV(115.0630, -32.0761,
68.3507)

Have a look what the booklet for
YUV(115.0630, -32.0761, 68.3507)
contains.

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Color

**YUV(115.0630, -32.0761,
68.3507)**

Conversions

Conversions Part 1

Format	Color
Hex	C15832
RGB	193, 88, 50
RGB Percent	76%, 35%, 20%
CMY	0.2431, 0.6549, 0.8039
CMYK	0.00, 0.54, 0.74, 0.24
HSL	16°, 59%, 48%
HSV	16°, 74%, 76%
XYZ	26.0578, 18.5472, 5.2242
YIQ	115.0630, 74.7780, 10.4420

Conversions

Conversions Part 2

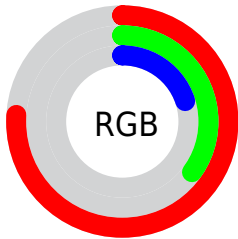
Format	Color
RYB	193, 102, 50
Decimal	12671026
CIELab	50.15, 39.67, 41.38
CIELCh	50, 57.327, 46.209
Yxy	18.5472, 0.5229, 0.3722
Android (android.graphics.Color)	4290861106 (0xFFC15832)
YUV	115.0630, -32.0761, 68.3507
Hunter-Lab	43.0665, 32.6368, 22.9543

Details

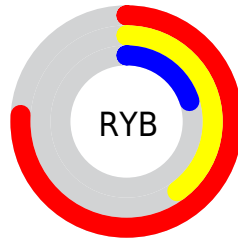
The YUV color **115.0630, -32.0761, 68.3507** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **127.9370, 32.0761, -68.3507**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5970, -35.2973, 74.8984**, and **61.7140, -29.4390, 62.5178** is the 20% darker color. If you saturate the color by 10%, you get **104.6790, -36.3237, 77.4575**, and if you desaturate by 10%, it is **125.4470, -27.8284, 59.2440**.

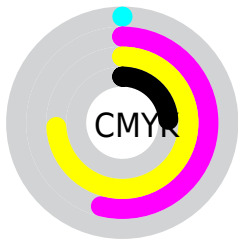
Distribution



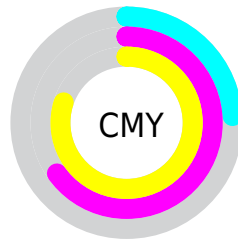
- Red (76%)
- Green (35%)
- Blue (20%)



- Red (76%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (54%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.0630, -32.0761, 68.3507 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 115.0630, -32.0761, 68.3507 by changing the saturation by 10% instead.

■ 115.0630,
-32.0761, 68.3507

■ 115.0630,
-32.0761, 68.3507

■ 255.0000, 0.0000,
0.0000

■ 88.7960, -30.4654,
65.0769

■ 169.5970,
-35.2973, 74.8984

■ 61.7140, -29.4390,
62.5178

■ 188.9970,
-32.0435, 57.8846

■ 34.6180, -17.0667,
60.8480

■ 207.8100,
-28.5003, 41.3856

■ 22.4250, -11.0555,
46.1083

■ 227.9110,
-25.0991, 23.7571

■ 15.1780, -6.4968,
30.5389

■ 248.1260,
-21.2611, 6.0285

■ 0.0000, 0.0000,
0.0000

■ 252.4920, -9.6096,

2.1995

■ 115.0630,
-32.0761, 68.3507

■ 115.0630,
-32.0761, 68.3507

■ 104.6790,
-36.3237, 77.4575

■ 125.4470,
-27.8284, 59.2440

■ 94.1810, -41.0082,
86.6643

■ 135.9450,
-23.1439, 50.0372

■ 87.6440, -43.2085,
92.3972

■ 146.9160,
-19.1856, 40.4157

■ 157.3000,
-14.9379, 31.3089

■ 167.7980,
-10.2534, 22.1022

■ 178.1820, -6.0057,
12.9954

■ 188.5660, -1.7580,
3.8886

■ 198.9500, 2.4897,
-5.2181

■ 210.0350, 6.8847,
-14.9397

Harmonies

Analogous

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



114.4000, -9.5642, 81.2102



115.0630, -32.0761, 68.3507



112.9200, -52.2186, 42.1662

Triad

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



115.0630, -32.0761, 68.3507



93.4830, 0.2549, -81.9846



113.1190, 49.7343, -38.6924

Complementary

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



115.0630, -32.0761, 68.3507



127.9370, 32.0761, -68.3507

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.



101.2930, 55.5646, -88.8340



115.0630, -32.0761, 68.3507



99.8840, 22.2422, -87.5983

Square

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



115.0630, -32.0761, 68.3507



102.1300, -27.6721, -37.8250



103.1390, 42.3295, -90.4529



122.8410, 31.6304, 28.2034

Rectangle

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



115.0630, -32.0761, 68.3507



110.5060, -54.4795, 20.6042



103.1390, 42.3295, -90.4529



96.3520, 59.4795, -84.5007

Sweetspot

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



115.0630, -32.0761, 68.3507



220.2500, -12.4482, 26.0908



104.9550, 25.6582, 77.2155



107.1500, -7.4690, 15.6544



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.0630, -32.0761, 68.3507



128.8970, -50.2352, 106.2073



155.5660, -52.0440, 32.8296



91.7510, -2.3422, 4.6034



73.3800, -36.1763, 76.8427



15.1500, -7.4689, 15.6545

Inverse Universe

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



127.9370, 32.0761, -68.3507



148.6900, 49.9458, -106.7221



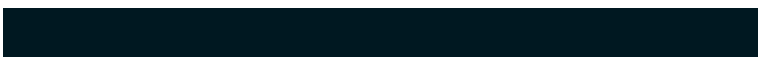
87.4340, 52.0440, -32.8296



92.2490, 2.3422, -4.6034



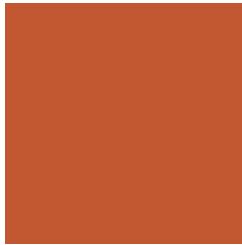
87.6200, 36.1763, -76.8427



17.8500, 7.4690, -15.6544

Previews

White Background



This preview shows how the YUV color 115.0630, -32.0761, 68.3507 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 115.0630, -32.0761, 68.3507 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 115.0630, -32.0761, 68.3507

Background



This preview shows how black text looks on a background with the YUV color 115.0630, -32.0761, 68.3507.



This preview shows how white text looks on a background with the YUV color 115.0630, -32.0761, 68.3507.

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

115.0630, -32.0761, 68.3507

Protanopia

117.0470, -28.1242, 13.9908

Deuteranopia

116.6700, -36.3193, 29.2304



Tritanopia

117.1720, -13.8888, 68.2552

Trichromacy



Original Color

115.0630, -32.0761, 68.3507

Protanomaly

116.1250, -29.6416, 34.0934

Deuteranomaly

116.5130, -34.7629, 43.4001

Tritanomaly

116.4510, -20.4353, 68.0105

Monochromacy



Original Color

115.0630, -32.0761, 68.3507

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7660, -11.7166, 24.7612

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0630, -32.0761, 68.3507 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(193, 88, 50)` looks like.

```
.text, #text, p{  
    color:rgb(193, 88, 50)  
}
```

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(193, 88, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 88, 50) }
```

Border

The CSS property to change the border of an element to YUV 115.0630, -32.0761, 68.3507 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(193, 88, 50) }
```


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

```
.border{ border-color:rgb(193, 88, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 88, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 88, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 88, 50);  
box-shadow:4px 4px 4px 4px rgb(193, 88,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 115.0630, -32.0761, 68.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 88, 50) }
```

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

```
.background{ background-color: rgb(193, 88,  
50) }
```

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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