

Converting Colors

YUV(115.6260, -35.8046,
97.6750)

Have a look what the booklet for
YUV(115.6260, -35.8046, 97.6750)
contains.

YUV(115.6260, -35.8046, 97.6750)	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

**YUV(115.6260, -35.8046,
97.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	E3492B
RGB	227, 73, 43
RGB Percent	89%, 29%, 17%
CMY	0.1098, 0.7137, 0.8314
CMYK	0.00, 0.68, 0.81, 0.11
HSL	10°, 77%, 53%
HSV	10°, 81%, 89%
XYZ	34.4971, 21.2704, 4.5729
YIQ	115.6260, 101.4140, 23.3180

Conversions

Conversions Part 2

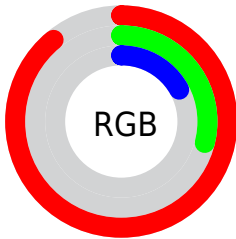
Format	Color
R_{YB}	227, 79, 43
Decimal	14895403
CIE Lab	53.24, 58.19, 49.87
CIE LCh	53, 76.635, 40.595
Yxy	21.2704, 0.5717, 0.3525
Android (android.graphics.Color)	4293085483 (0xFFE3492B)
YUV	115.6260, -35.8046, 97.6750
Hunter-Lab	46.1198, 52.8063, 26.4051

Details

The YUV color **115.6260, -35.8046, 97.6750** 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 **154.3740, 35.8046, -97.6750**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3420, -35.1716, 81.2611**, and **48.7370, -24.0273, 100.2087** is the 20% darker color. If you saturate the color by 10%, you get **101.8510, -40.3525, 109.7557**, and if you desaturate by 10%, it is **129.4010, -31.2567, 85.5943**.

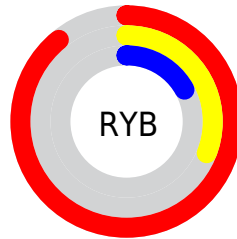
Distribution



Red (89%)

Green (29%)

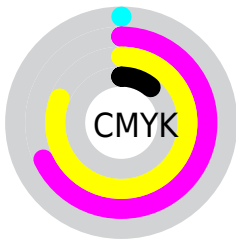
Blue (17%)



Red (89%)

Yellow (31%)

Blue (17%)

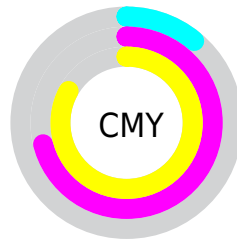


Cyan (0%)

Magenta (68%)

Yellow (81%)

Black (11%)



Cyan (11%)

Magenta (71%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6260, -35.8046, 97.6750 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 115.6260, -35.8046, 97.6750 by changing the saturation by 10% instead.

■ 115.6260,
-35.8046, 97.6750

■ 115.6260,
-35.8046, 97.6750

■ 255.0000, 0.0000,
0.0000

■ 85.1250, -32.5996,
96.3604

■ 162.3420,
-35.1716, 81.2611

■ 48.7370, -24.0273,
100.2087

■ 181.7420,
-31.9178, 64.2473

■ 39.4680, -19.4577,
81.1506

■ 201.7290,
-28.9534, 46.7187

■ 30.1990, -14.8881,
62.0925

■ 221.8300,
-25.5522, 29.0901

■ 21.4570, -9.5923,
43.4492

■ 241.9310,
-22.1510, 11.4615

■ 12.6720, -5.7543,
25.7207

■ 251.6940,

■ 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 115.6260,
-35.8046, 97.6750

■ 115.6260,
-35.8046, 97.6750

■ 101.8510,
-40.3525, 109.7557

■ 129.4010,
-31.2567, 85.5943

■ 89.5920, -44.1689,
120.5068


■ 143.0620,
-27.1456, 73.6136

■ 156.8370,
-22.5976, 61.5330


■ 170.6120,
-18.0497, 49.4523

■ 184.3870,
-13.5018, 37.3716

■ 198.0480, -9.3907,
25.3909

 211.8230, -4.8427,
13.3102

 225.5980, -0.2948,
1.2296

 239.2590, 3.8163,
-10.7511

Harmonies

Analogous

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



107.7370, -0.3633, 116.8717



115.6260, -35.8046, 97.6750



119.6080, -58.9667, 59.9798

Triad

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



115.6260, -35.8046, 97.6750



98.9310, -9.3330, -86.7625



104.2060, 74.3414, -91.3887

Complementary

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



115.6260, -35.8046, 97.6750



154.3740, 35.8046, -97.6750

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.



114.5440, 68.2588, -100.4551



115.6260, -35.8046, 97.6750



108.6720, 20.3747, -95.3053

Square

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



115.6260, -35.8046, 97.6750



101.5490, -50.0637, -42.5775



114.5660, 48.0350, -100.4744



129.6890, 48.9603, 23.0747

Rectangle

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



115.6260, -35.8046, 97.6750



119.1220, -58.7271, 29.7110



114.5660, 48.0350, -100.4744



108.3150, 72.3157, -94.9923

Sweetspot

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



115.6260, -35.8046, 97.6750



218.1090, -11.8857, 32.3534



115.8000, 41.0176, 97.5224



105.5850, -7.1904, 19.6580



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.



115.6260, -35.8046, 97.6750



105.3330, -47.9852, 131.2580



168.4560, -61.8498, 51.3431



107.7620, -2.3477, 6.3477



70.5440, -34.7782, 95.1159



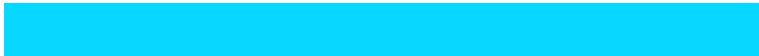
19.9450, -9.8329, 27.2352

Inverse Universe

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



154.3740, 35.8046, -97.6750



157.6670, 47.9852, -131.2580



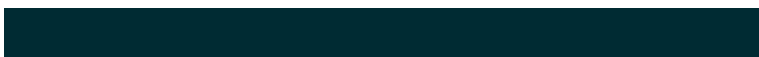
101.5440, 61.8498, -51.3431



110.2380, 2.3477, -6.3477



107.8690, 35.0676, -94.6011



31.0550, 9.8329, -27.2352

Previews

White Background



This preview shows how the YUV color 115.6260, -35.8046, 97.6750 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 115.6260, -35.8046, 97.6750 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 115.6260, -35.8046, 97.6750 Background



This preview shows how black text looks on a background with the YUV color 115.6260, -35.8046, 97.6750.



This preview shows how white text looks on a background with the YUV color 115.6260, -35.8046, 97.6750.

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

115.6260, -35.8046, 97.6750

Protanopia

124.2060, -32.6396, 15.6053

Deuteranopia

122.3580, -46.5185, 33.8890



Tritanopia

116.9970, -21.6905, 97.3496

Trichromacy



Original Color

115.6260, -35.8046, 97.6750

Protanomaly

121.1650, -33.6053, 45.4593

Deuteranomaly

120.1250, -42.9526, 56.8954

Tritanomaly

116.3300, -26.7847, 97.9346

Monochromacy



Original Color

115.6260, -35.8046, 97.6750

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.4900, -13.0596, 35.5273

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6260, -35.8046, 97.6750 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(227, 73, 43)` looks like.

```
.text, #text, p{  
    color:rgb(227, 73, 43)  
}
```

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(227, 73, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 73, 43) }
```

Border

The CSS property to change the border of an element to YUV 115.6260, -35.8046, 97.6750 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(227, 73, 43) }
```


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

```
.border{ border-color:rgb(227, 73, 43) }
```

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

Here you see how a box with a 4 pixel rgb(227, 73, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 73, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 73, 43);  
box-shadow:4px 4px 4px 4px rgb(227, 73,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 115.6260, -35.8046, 97.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 73, 43) }
```

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

```
.background{ background-color: rgb(227, 73,  
43) }
```

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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