

Converting Colors

YUV(115.0620, -27.1456,
73.6136)

Have a look what the booklet for
YUV(115.0620, -27.1456, 73.6136)
contains.

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Color

**YUV(115.0620, -27.1456,
73.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	C7533C
RGB	199, 83, 60
RGB Percent	78%, 33%, 24%
CMY	0.2196, 0.6745, 0.7647
CMYK	0.00, 0.58, 0.70, 0.22
HSL	10°, 55%, 51%
HSV	10°, 70%, 78%
XYZ	27.4621, 18.6549, 6.4283
YIQ	115.0620, 76.5190, 17.4390

Conversions

Conversions Part 2

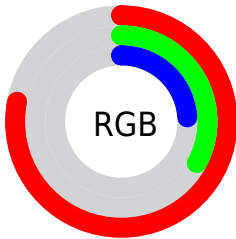
Format	Color
R_{YB}	199, 88, 60
Decimal	13062972
CIE _{Lab}	50.28, 44.85, 36.40
CIE _{LCh}	50, 57.766, 39.060
Yxy	18.6549, 0.5226, 0.3550
Android (android.graphics.Color)	4291253052 (0xFFC7533C)
YUV	115.0620, -27.1456, 73.6136
Hunter-Lab	43.1913, 37.9098, 21.4096

Details

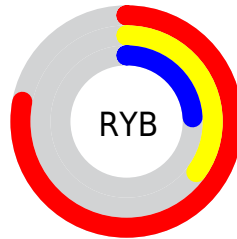
The YUV color **115.0620, -27.1456, 73.6136** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **143.9380, 27.1456, -73.6136**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3890, -29.7718, 75.9578**, and **60.4080, -21.8931, 68.9252** is the 20% darker color. If you saturate the color by 10%, you get **102.8030, -30.9619, 84.3648**, and if you desaturate by 10%, it is **127.3210, -23.3293, 62.8625**.

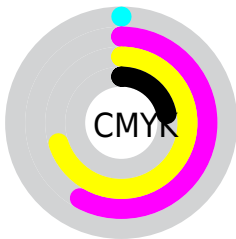
Distribution



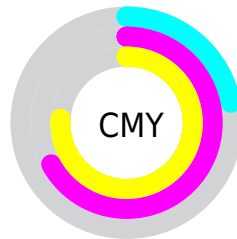
- Red (78%)
- Green (33%)
- Blue (24%)



- Red (78%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (22%)



- Cyan (22%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.0620, -27.1456, 73.6136 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 115.0620, -27.1456, 73.6136 by changing the saturation by 10% instead.

■ 115.0620,
-27.1456, 73.6136

■ 115.0620,
-27.1456, 73.6136

■ 255.0000, 0.0000,
0.0000

■ 88.2080, -25.2455,
70.8546

■ 168.3890,
-29.7718, 75.9578

■ 60.4080, -21.8931,
68.9252

■ 187.2020,
-26.2286, 59.4588

■ 32.5910, -16.0674,
67.0107

■ 206.6020,
-22.9748, 42.4450

■ 23.9200, -11.7926,
49.1822

■ 226.7030,
-19.5736, 24.8165

■ 16.3740, -7.0864,
32.9980

■ 246.9180,
-15.7356, 7.0879

■ 2.3920, -1.1793,
4.9182

■ 253.7460, -4.8048,

■ 0.0000, 0.0000,

1.0998

0.0000

■ 115.0620,
-27.1456, 73.6136

■ 115.0620,
-27.1456, 73.6136

■ 102.8030,
-30.9619, 84.3648

■ 127.3210,
-23.3293, 62.8625

■ 91.1310, -35.0676,
94.6011

■ 138.9930,
-19.2235, 52.6261

■ 78.8720, -38.8839,
105.3523

■ 151.2520,
-15.4072, 41.8750

■ 162.9240,
-11.3015, 31.6387

■ 175.1830, -7.4852,
20.8875

■ 187.3280, -4.1057,
10.2363

■ 199.0000, 0.0000,
0.0000

■ 211.2590, 3.8163,
-10.7511

■ 222.9310, 7.9220,
-20.9875

Harmonies

Analogous

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



114.5940, -3.7438, 81.0401



115.0620, -27.1456, 73.6136



114.1150, -47.8777, 49.8881

Triad

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



115.0620, -27.1456, 73.6136



91.5280, -4.6973, -80.2701



99.0540, 58.1474, -77.2234

Complementary

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



115.0620, -27.1456, 73.6136



143.9380, 27.1456, -73.6136

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.



102.7120, 53.3860, -90.0784



115.0620, -27.1456, 73.6136



98.6300, 17.4374, -86.4985

Square

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



115.0620, -27.1456, 73.6136



105.3720, -34.6934, -25.7592



103.4010, 38.2563, -90.6827



123.0180, 36.4731, 14.8932

Rectangle

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



115.0620, -27.1456, 73.6136



112.0340, -55.2328, 28.9112



103.4010, 38.2563, -90.6827



98.8140, 58.7587, -86.6599

Sweetspot

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



115.0620, -27.1456, 73.6136



222.4290, -10.5645, 28.5648



115.0130, 31.0526, 73.6566



108.5030, -6.1640, 17.0989



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.



115.0620, -27.1456, 73.6136



125.5310, -41.6738, 113.5443



154.3910, -46.5348, 39.1221



93.2780, -1.6161, 5.0182



64.5860, -31.8409, 86.3091



14.2860, -7.0430, 19.0432

Inverse Universe

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



143.9380, 27.1456, -73.6136



170.4690, 41.6738, -113.5443



104.6090, 46.5348, -39.1221



95.7220, 1.6161, -5.0182



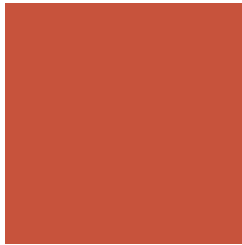
98.4140, 31.8409, -86.3091



21.7140, 7.0430, -19.0432

Previews

White Background



This preview shows how the YUV color 115.0620, -27.1456, 73.6136 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 115.0620, -27.1456, 73.6136 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 115.0620, -27.1456, 73.6136

Background



This preview shows how black text looks on a background with the YUV color 115.0620, -27.1456, 73.6136.



This preview shows how white text looks on a background with the YUV color 115.0620, -27.1456,

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

115.0620, -27.1456, 73.6136

Protanopia

117.9310, -22.1510, 11.4615

Deuteranopia

117.5110, -31.8039, 27.6159



Tritanopia

116.4500, -15.5048, 73.2734

Trichromacy



Original Color

115.0620, -27.1456, 73.6136

Protanomaly

117.2050, -24.2581, 34.0232

Deuteranomaly

116.7780, -29.9636, 44.0447

Tritanomaly

116.0110, -19.7254, 73.6584

Monochromacy



Original Color

115.0620, -27.1456, 73.6136

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9450, -9.8329, 27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0620, -27.1456, 73.6136 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(199, 83, 60)` looks like.

```
.text, #text, p{  
    color:rgb(199, 83, 60)  
}
```

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(199, 83, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 83, 60) }
```

Border

The CSS property to change the border of an element to YUV 115.0620, -27.1456, 73.6136 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(199, 83, 60) }
```


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

```
.border{ border-color:rgb(199, 83, 60) }
```

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

Here you see how a box with a 4 pixel rgb(199, 83, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 83, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 83, 60);  
box-shadow:4px 4px 4px 4px rgb(199, 83,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 115.0620, -27.1456, 73.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 83, 60) }
```

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

```
.background{ background-color: rgb(199, 83,  
60) }
```

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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