

Converting Colors

YUV(111.6190, -35.3082,
78.3871)

Have a look what the booklet for
YUV(111.6190, -35.3082, 78.3871)
contains.

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Color

**YUV(111.6190, -35.3082,
78.3871)**

Conversions

Conversions Part 1

Format	Color
Hex	C95028
RGB	201, 80, 40
RGB Percent	79%, 31%, 16%
CMY	0.2118, 0.6863, 0.8431
CMYK	0.00, 0.60, 0.80, 0.21
HSL	15°, 67%, 47%
HSV	15°, 80%, 79%
XYZ	27.3391, 18.3080, 4.1004
YIQ	111.6190, 84.9560, 13.2120

Conversions

Conversions Part 2

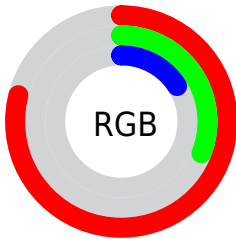
Format	Color
R_{YB}	201, 93, 40
Decimal	13193256
CIE _{Lab}	49.87, 46.14, 46.53
CIE _{LCh}	50, 65.528, 45.238
Yxy	18.3080, 0.5496, 0.3680
Android (android.graphics.Color)	4291383336 (0xFFC95028)
YUV	111.6190, -35.3082, 78.3871
Hunter-Lab	42.7879, 39.1727, 24.2698

Details

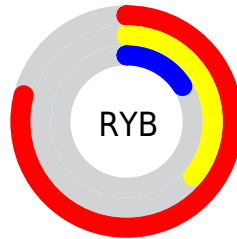
The YUV color **111.6190, -35.3082, 78.3871** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **129.3810, 35.3082, -78.3871**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3480, -37.6396, 79.5018**, and **55.9480, -27.5824, 73.7136** is the 20% darker color. If you saturate the color by 10%, you get **100.5340, -39.7033, 88.1087**, and if you desaturate by 10%, it is **122.7040, -30.9131, 68.6656**.

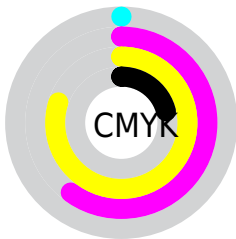
Distribution



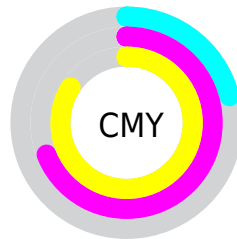
- Red (79%)
- Green (31%)
- Blue (16%)



- Red (79%)
- Yellow (36%)
- Blue (16%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (21%)



- Cyan (21%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6190, -35.3082, 78.3871 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 111.6190, -35.3082, 78.3871 by changing the saturation by 10% instead.

■ 111.6190,
-35.3082, 78.3871

■ 111.6190,
-35.3082, 78.3871

■ 255.0000, 0.0000,
0.0000

■ 83.7650, -33.4081,
75.6281

■ 164.3480,
-37.6396, 79.5018

■ 55.9480, -27.5824,
73.7136

■ 183.7480,
-34.3858, 62.4880

■ 32.5910, -16.0674,
67.0107

■ 202.5610,
-30.8426, 45.9890

■ 23.9200, -11.7926,
49.1822

■ 222.5480,
-27.8782, 28.4604

■ 16.3740, -7.0864,
32.9980

■ 242.7630,
-24.0402, 10.7318

■ 1.7940, -0.8844,
3.6887

■ 251.2380,

■ 0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.5440, -1.7472,
0.3999

■ 111.6190,
-35.3082, 78.3871

■ 111.6190,
-35.3082, 78.3871

■ 100.5340,
-39.7033, 88.1087

■ 122.7040,
-30.9131, 68.6656

■ 89.4490, -44.0984,
97.8302

■ 133.7890,
-26.5180, 58.9440

■ 144.8740,
-22.1229, 49.2225

■ 155.9590,
-17.7278, 39.5010

■ 167.7450,
-13.1853, 29.1646

■ 178.8300, -8.7902,
19.4431

■ 189.9150, -4.3951,
9.7215

■ 201.0000, 0.0000,
0.0000

■ 212.0850, 4.3951,
-9.7215

Harmonies

Analogous

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



108.6450, -7.7130, 94.1503



111.6190, -35.3082, 78.3871



111.8560, -55.1450, 47.4843

Triad

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



111.6190, -35.3082, 78.3871



93.3860, -2.6553, -81.8995



104.4350, 60.4245, -60.8945

Complementary

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



111.6190, -35.3082, 78.3871



129.3810, 35.3082, -78.3871

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.



103.9490, 60.6641, -91.1633



111.6190, -35.3082, 78.3871



101.1720, 22.1002, -88.7278

Square

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



111.6190, -35.3082, 78.3871



96.8920, -33.4708, -44.6323



105.2250, 45.2451, -92.2823



121.4590, 37.7347, 30.2925

Rectangle

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



111.6190, -35.3082, 78.3871



109.9190, -54.1901, 21.1190



105.2250, 45.2451, -92.2823



97.9480, 65.5946, -85.9004

Sweetspot

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



111.6190, -35.3082, 78.3871



221.0440, -13.3327, 29.7794



102.1610, 29.9936, 86.6818



107.3460, -8.0586, 18.1136



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.



111.6190, -35.3082, 78.3871



119.0620, -53.7676, 119.2176



157.4050, -57.8807, 38.2328



93.8650, -1.9054, 4.5034



72.8040, -35.8924, 79.1019



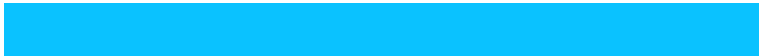
16.0470, -7.9112, 17.4988

Inverse Universe

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



129.3810, 35.3082, -78.3871



145.9380, 53.7676, -119.2176



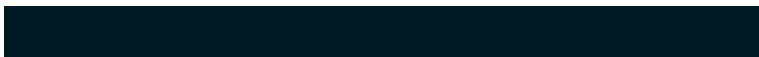
83.5950, 57.8807, -38.2328



95.1350, 1.9054, -4.5034



90.7830, 35.6030, -79.6167



19.9530, 7.9112, -17.4988

Previews

White Background



This preview shows how the YUV color 111.6190, -35.3082, 78.3871 looks on a white 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

Black Background



This preview shows how the YUV color 111.6190, -35.3082, 78.3871 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 111.6190, -35.3082, 78.3871

Background



This preview shows how black text looks on a background with the YUV color 111.6190, -35.3082, 78.3871.



This preview shows how white text looks on a background with the YUV color 111.6190, -35.3082, 78.3871.

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

111.6190, -35.3082, 78.3871

Protanopia

115.4340, -31.7660, 15.4054

Deuteranopia

114.4870, -42.1451, 31.1449



Tritanopia

114.1300, -16.8261, 77.0620

Trichromacy



Original Color

111.6190, -35.3082, 78.3871

Protanomaly

114.2350, -33.1469, 38.3819

Deuteranomaly

113.5800, -39.7259, 48.6033

Tritanomaly

113.0070, -23.6675, 78.0469

Monochromacy



Original Color

111.6190, -35.3082, 78.3871

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.5600, -12.6011, 28.4499

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6190, -35.3082, 78.3871 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(201, 80, 40)` looks like.

```
.text, #text, p{  
    color:rgb(201, 80, 40)  
}
```

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(201, 80, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 80, 40) }
```

Border

The CSS property to change the border of an element to YUV 111.6190, -35.3082, 78.3871 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(201, 80, 40) }
```


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

```
.border{ border-color:rgb(201, 80, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 80, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 80, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 80, 40);  
box-shadow:4px 4px 4px 4px rgb(201, 80,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 111.6190, -35.3082, 78.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 80, 40) }
```

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

```
.background{ background-color: rgb(201, 80,  
40) }
```

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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