

Converting Colors

YUV(91.0310, -30.0883,
84.1648)

Have a look what the booklet for
YUV(91.0310, -30.0883, 84.1648)
contains.

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Color

**YUV(91.0310, -30.0883,
84.1648)**

Conversions

Conversions Part 1

Format	Color
Hex	BB361E
RGB	187, 54, 30
RGB Percent	73%, 21%, 12%
CMY	0.2667, 0.7882, 0.8824
CMYK	0.00, 0.71, 0.84, 0.27
HSL	9°, 72%, 43%
HSV	9°, 84%, 73%
XYZ	22.0470, 13.2969, 2.6328
YIQ	91.0310, 86.9720, 20.7320

Conversions

Conversions Part 2

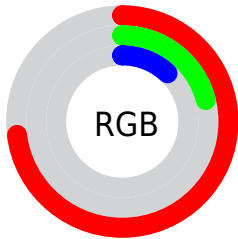
Format	Color
R_{YB}	187, 58, 30
Decimal	12269086
CIE Lab	43.21, 52.01, 44.25
CIE LCh	43, 68.285, 40.389
Yxy	13.2969, 0.5805, 0.3501
Android (android.graphics.Color)	4290459166 (0xFFBB361E)
YUV	91.0310, -30.0883, 84.1648
Hunter-Lab	36.4649, 44.1094, 21.2445

Details

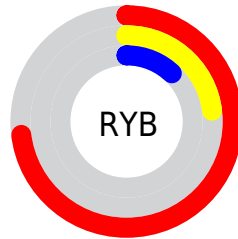
The YUV color **91.0310, -30.0883, 84.1648** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **125.9690, 30.0883, -84.1648**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5110, -34.7619, 89.8829**, and **37.3750, -18.4259, 76.8471** is the 20% darker color. If you saturate the color by 10%, you get **79.4730, -33.7572, 94.3012**, and if you desaturate by 10%, it is **102.5890, -26.4194, 74.0284**.

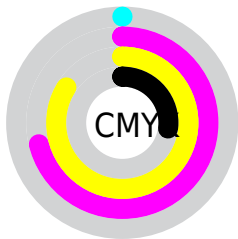
Distribution



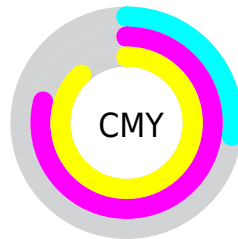
- Red (73%)
- Green (21%)
- Blue (12%)



- Red (73%)
- Yellow (23%)
- Blue (12%)



- Cyan (0%)
- Magenta (71%)
- Yellow (84%)
- Black (27%)





- Cyan (27%)
- Magenta (79%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.0310, -30.0883, 84.1648 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 91.0310, -30.0883, 84.1648 by changing the saturation by 10% instead.


 91.0310, -30.0883,
84.1648


 91.0310, -30.0883,
84.1648


255.0000, 0.0000,
0.0000


 60.2420, -26.7413,
83.9798


 147.5110,
-34.7619, 89.8829


 37.3750, -18.4259,
76.8471


 167.7050,
-32.3926, 76.5577


 28.4050, -14.0037,
58.4038

 186.9910,
-29.5756, 59.6439

 19.8480, -9.2921,
40.4753

 206.3910,
-26.3218, 42.6301

 10.8780, -4.8699,
22.0320

 226.4920,
-22.9206, 25.0015

 0.0000, 0.0000,
0.0000

 247.2940,

-19.3719, 6.7582

252.9480, -7.8624,
1.7996

91.0310, -30.0883,
84.1648

91.0310, -30.0883,
84.1648

79.4730, -33.7572,
94.3012

102.5890,
-26.4194, 74.0284

72.9360, -35.9574,
100.0341

114.0330,
-23.1873, 63.9921

125.5910,
-19.5184, 53.8557

136.5620,
-15.5601, 44.2341

148.0060,
-12.3280, 34.1977

■ 159.5640, -8.6591,
24.0614

■ 171.1220, -4.9901,
13.9250

■ 182.6800, -1.3212,
3.7886

■ 194.1240, 1.9109,
-6.2477

Harmonies

Analogous

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



80.3440, 2.2954, 104.0613



91.0310, -30.0883, 84.1648



95.9410, -47.2989, 50.9177

Triad

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



91.0310, -30.0883, 84.1648



79.7420, -9.2398, -69.9337



84.9710, 64.1043, -74.5196

Complementary

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



91.0310, -30.0883, 84.1648



125.9690, 30.0883, -84.1648

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.



93.7930, 57.2901, -82.2565



91.0310, -30.0883, 84.1648



87.7560, 16.3893, -76.9620

Square

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



91.0310, -30.0883, 84.1648



80.3290, -39.6022, -37.9995



93.3250, 40.2658, -81.8460



103.8320, 41.9878, 19.4413

Rectangle

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



91.0310, -30.0883, 84.1648



95.7760, -47.2176, 24.7524



93.3250, 40.2658, -81.8460



88.7210, 63.2415, -77.8083

Sweetspot

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



91.0310, -30.0883, 84.1648



205.2230, -11.4489, 32.2534



92.1050, 34.9512, 83.2229



99.6990, -6.7536, 19.5580



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



91.0310, -30.0883, 84.1648



94.0770, -46.3800, 129.7285



136.8170, -52.6608, 44.0105



88.2780, -1.6161, 5.0182



61.3300, -30.2357, 84.7796



12.2040, -6.0166, 16.4841

Inverse Universe

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



125.9690, 30.0883, -84.1648



147.9230, 46.3800, -129.7285



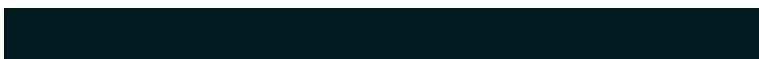
80.1830, 52.6608, -44.0105



90.7220, 1.6161, -5.0182



96.6700, 30.2357, -84.7796



18.7960, 6.0166, -16.4841

Previews

White Background



This preview shows how the YUV color 91.0310, -30.0883, 84.1648 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 91.0310, -30.0883, 84.1648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

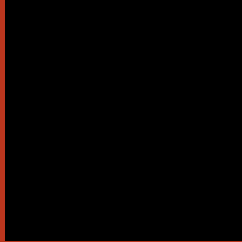
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 91.0310, -30.0883, 84.1648

Background



This preview shows how black text looks on a background with the YUV color 91.0310, -30.0883, 84.1648.



This preview shows how white text looks on a background with the YUV color 91.0310, -30.0883,

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

91.0310, -30.0883, 84.1648

Protanopia

99.7480, -27.9768, 13.3760

Deuteranopia

97.7640, -42.2817, 28.2710



Tritanopia

92.1910, -19.3212, 84.0245

Trichromacy



Original Color

91.0310, -30.0883, 84.1648

Protanomaly

96.3860, -28.7843, 39.1265

Deuteranomaly

95.4490, -37.6894, 48.7182

Tritanomaly

91.8660, -23.1049, 84.3095

Monochromacy



Original Color

91.0310, -30.0883, 84.1648

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.3260, -11.0067, 30.4091

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0310, -30.0883, 84.1648 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(187, 54, 30)` looks like.

```
.text, #text, p{  
    color:rgb(187, 54, 30)  
}
```

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(187, 54, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 54, 30) }
```

Border

The CSS property to change the border of an element to YUV 91.0310, -30.0883, 84.1648 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(187, 54, 30) }
```


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

```
.border{ border-color:rgb(187, 54, 30) }
```

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

Here you see how a box with a 4 pixel rgb(187, 54, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 54, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 54, 30);  
box-shadow:4px 4px 4px 4px rgb(187, 54,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 91.0310, -30.0883, 84.1648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 54, 30) }
```

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

```
.background{ background-color: rgb(187, 54,  
30) }
```

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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