

Converting Colors

YUV(109.2330, -36.5969,
71.7097)

Have a look what the booklet for
YUV(109.2330, -36.5969, 71.7097)
contains.

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Color

**YUV(109.2330, -36.5969,
71.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5223
RGB	191, 82, 35
RGB Percent	75%, 32%, 14%
CMY	0.2510, 0.6784, 0.8627
CMYK	0.00, 0.57, 0.82, 0.25
HSL	18°, 69%, 44%
HSV	18°, 82%, 75%
XYZ	24.8065, 17.2323, 3.6088
YIQ	109.2330, 80.0510, 8.4910

Conversions

Conversions Part 2

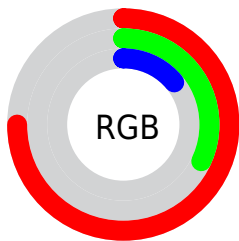
Format	Color
R_{YB}	191, 102, 35
Decimal	12538403
CIE Lab	48.55, 41.29, 47.05
CIE LCh	49, 62.601, 48.730
Yxy	17.2323, 0.5434, 0.3775
Android (android.graphics.Color)	4290728483 (0xFFBF5223)
YUV	109.2330, -36.5969, 71.7097
Hunter-Lab	41.5118, 34.0219, 23.9039

Details

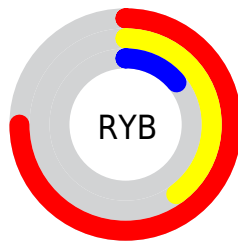
The YUV color **109.2330, -36.5969, 71.7097** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **116.7670, 36.5969, -71.7097**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8810, -39.3813, 78.1574**, and **56.7790, -27.9920, 65.0918** is the 20% darker color. If you saturate the color by 10%, you get **99.4360, -41.1339, 80.3016**, and if you desaturate by 10%, it is **119.0300, -32.0598, 63.1177**.

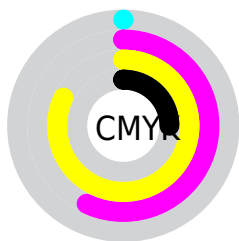
Distribution



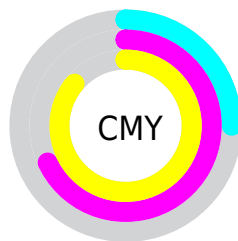
- Red (75%)
- Green (32%)
- Blue (14%)



- Red (75%)
- Yellow (40%)
- Blue (14%)



- Cyan (0%)
- Magenta (57%)
- Yellow (82%)
- Black (25%)



- Cyan (25%)
- Magenta (68%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2330, -36.5969, 71.7097 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 109.2330, -36.5969, 71.7097 by changing the saturation by 10% instead.

■ 109.2330,
-36.5969, 71.7097

■ 109.2330,
-36.5969, 71.7097

■ 255.0000, 0.0000,
0.0000

■ 81.7380, -35.8598,
68.6358

■ 163.8810,
-39.3813, 78.1574

■ 56.7790, -27.9920,
65.0918

■ 183.1780,
-36.5698, 62.9879

■ 30.1990, -14.8881,
62.0925

■ 202.5780,
-33.3160, 45.9741

■ 21.2290, -10.4659,
43.6492

■ 221.9780,
-30.0622, 28.9603

■ 13.9820, -5.9071,
28.0798

■ 242.1930,
-26.2241, 11.2317

■ 0.0000, 0.0000,
0.0000

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

109.2330,
-36.5969, 71.7097

109.2330,
-36.5969, 71.7097

99.4360, -41.1339,
80.3016

119.0300,
-32.0598, 63.1177

91.1550, -44.9394,
87.5641

129.4140,
-27.8121, 54.0109

139.2110,
-23.2750, 45.4190

149.0080,
-18.7379, 36.8270

159.3920,
-14.4903, 27.7202

■ 169.3030, -9.5164,
19.0283

■ 179.1000, -4.9793,
10.4363

■ 189.4840, -0.7316,
1.3295

■ 199.2810, 3.8055,
-7.2624

Harmonies

Analogous

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



106.5150, -10.6069, 89.0023



109.2330, -36.5969, 71.7097



108.8660, -53.6709, 41.3365

Triad

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



109.2330, -36.5969, 71.7097



91.6080, 0.6863, -80.3402



108.6290, 52.9339, -38.2626

Complementary

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



109.2330, -36.5969, 71.7097



116.7670, 36.5969, -71.7097

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.



99.6290, 59.3429, -87.3746



109.2330, -36.5969, 71.7097



98.4650, 24.4208, -86.3538

Square

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



109.2330, -36.5969, 71.7097



92.5690, -26.9025, -51.3650



101.9480, 45.3816, -89.4084



117.7540, 33.6453, 35.2957

Rectangle

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



109.2330, -36.5969, 71.7097



106.6410, -52.5740, 16.1008



101.9480, 45.3816, -89.4084



93.8730, 62.6736, -82.3266

Sweetspot

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



109.2330, -36.5969, 71.7097



214.8050, -14.2009, 28.2350



94.0700, 24.6155, 85.0076



105.4060, -9.0742, 17.1839



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.



109.2330, -36.5969, 71.7097



120.2090, -56.7980, 111.1957



155.0190, -59.1694, 31.5553



89.4520, -2.1948, 3.9886



75.4180, -37.1811, 72.4244



14.5520, -7.1741, 14.4249

Inverse Universe

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



116.7670, 36.5969, -71.7097



131.7910, 56.7980, -111.1957



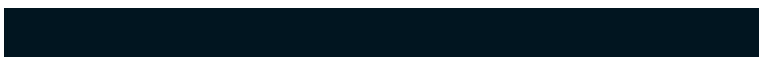
70.9810, 59.1694, -31.5553



90.1350, 1.9054, -4.5034



82.5820, 37.1811, -72.4244



15.8610, 7.4635, -13.9101

Previews

White Background



This preview shows how the YUV color 109.2330, -36.5969, 71.7097 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 109.2330, -36.5969, 71.7097 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 109.2330, -36.5969, 71.7097

Background



This preview shows how black text looks on a background with the YUV color 109.2330, -36.5969, 71.7097.



This preview shows how white text looks on a background with the YUV color 109.2330, -36.5969, 71.7097.

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

109.2330, -36.5969, 71.7097

Protanopia

111.6790, -33.3657, 15.1905

Deuteranopia

111.0740, -42.4345, 30.6301



Tritanopia

112.2540, -14.9152, 70.8142

Trichromacy



Original Color

109.2330, -36.5969, 71.7097

Protanomaly

111.1700, -34.5938, 35.8079

Deuteranomaly

110.4440, -40.1519, 45.2146

Tritanomaly

111.1910, -22.7722, 70.8695

Monochromacy



Original Color

109.2330, -36.5969, 71.7097

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0220, -13.3218, 26.2907

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2330, -36.5969, 71.7097 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(191, 82, 35)` looks like.

```
.text, #text, p{  
    color:rgb(191, 82, 35)  
}
```

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(191, 82, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 82, 35) }
```

Border

The CSS property to change the border of an element to YUV 109.2330, -36.5969, 71.7097 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(191, 82, 35) }
```


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

```
.border{ border-color:rgb(191, 82, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 82, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 82, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 82, 35);  
box-shadow:4px 4px 4px 4px rgb(191, 82,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 109.2330, -36.5969, 71.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 82, 35) }
```

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

```
.background{ background-color: rgb(191, 82,  
35) }
```

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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