

Converting Colors

YUV(107.9050, -29.0402,
74.6283)

Have a look what the booklet for
YUV(107.9050, -29.0402, 74.6283)
contains.

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Color

**YUV(107.9050, -29.0402,
74.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	C14C31
RGB	193, 76, 49
RGB Percent	76%, 30%, 19%
CMY	0.2431, 0.7020, 0.8078
CMYK	0.00, 0.61, 0.75, 0.24
HSL	11°, 60%, 47%
HSV	11°, 75%, 76%
XYZ	25.1311, 16.7281, 4.8100
YIQ	107.9050, 78.3990, 16.4070

Conversions

Conversions Part 2

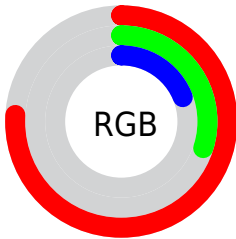
Format	Color
R_{YB}	193, 82, 49
Decimal	12667953
CIE _{Lab}	47.92, 45.42, 39.50
CIE _{LCh}	48, 60.192, 41.011
Yxy	16.7281, 0.5385, 0.3584
Android (android.graphics.Color)	4290858033 (0xFFC14C31)
YUV	107.9050, -29.0402, 74.6283
Hunter-Lab	40.9000, 38.1050, 21.6572

Details

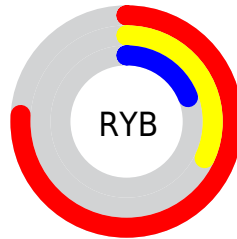
The YUV color **107.9050, -29.0402, 74.6283** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **134.0950, 29.0402, -74.6283**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0260, -32.5508, 80.6612**, and **51.5500, -23.9351, 70.5547** is the 20% darker color. If you saturate the color by 10%, you get **96.3470, -32.7091, 84.7647**, and if you desaturate by 10%, it is **119.4630, -25.3713, 64.4919**.

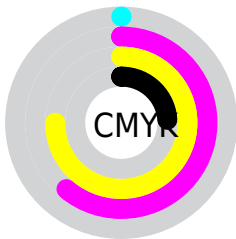
Distribution



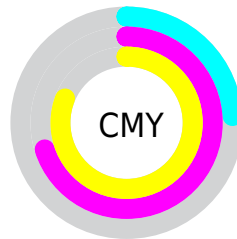
- Red (76%)
- Green (30%)
- Blue (19%)



- Red (76%)
- Yellow (32%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (75%)
- Black (24%)



- Cyan (24%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.9050, -29.0402, 74.6283 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 107.9050, -29.0402, 74.6283 by changing the saturation by 10% instead.


 107.9050,
-29.0402, 74.6283

 107.9050,
-29.0402, 74.6283


255.0000, 0.0000,
0.0000


 80.1650, -26.7033,
71.7693


 163.0260,
-32.5508, 80.6612


 51.5500, -23.9351,
70.5547


 181.7250,
-29.4444, 64.2622

 30.7970, -15.1829,
63.3220

 201.1250,
-26.1906, 47.2484

 21.8270, -10.7607,
44.8787

 220.6390,
-22.5000, 30.1346

 14.2810, -6.0545,
28.6946

 240.7400,
-19.0988, 12.5060

 0.0000, 0.0000,
0.0000

 252.2640,

-10.4832, 2.3995

■ 107.9050,
-29.0402, 74.6283

■ 107.9050,
-29.0402, 74.6283

■ 96.3470, -32.7091,
84.7647

■ 119.4630,
-25.3713, 64.4919

■ 85.2620, -37.1042,
94.4862

■ 130.5480,
-20.9762, 54.7704

■ 78.8390, -38.8676,
100.1192

■ 142.1060,
-17.3073, 44.6340

■ 153.6640,
-13.6384, 34.4977

■ 164.7490, -9.2433,
24.7761

■ 176.3070, -5.5744,
14.6398

■ 187.8650, -1.9054,
4.5034

■ 198.8360, 2.0529,
-5.1182

■ 210.5080, 6.1586,
-15.3545

Harmonies

Analogous

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



106.6870, -4.7757, 85.3435



107.9050, -29.0402, 74.6283



106.8500, -52.6770, 49.2436

Triad

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



107.9050, -29.0402, 74.6283



88.2510, -4.5607, -77.3961



91.3140, 60.4842, -80.0824

Complementary

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



107.9050, -29.0402, 74.6283



134.0950, 29.0402, -74.6283

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.



99.0760, 54.6855, -86.8897



107.9050, -29.0402, 74.6283



95.4670, 18.0108, -83.7246

Square

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



107.9050, -29.0402, 74.6283



97.2250, -35.1139, -30.8923



99.7650, 39.5559, -87.4939



116.7520, 36.6043, 19.5115

Rectangle

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



107.9050, -29.0402, 74.6283



106.1090, -52.3117, 25.3374



99.7650, 39.5559, -87.4939



94.4770, 59.9108, -82.8563

Sweetspot

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



107.9050, -29.0402, 74.6283



217.3150, -11.0013, 28.6647



105.5080, 30.3156, 76.7305



105.9760, -6.8902, 16.6840



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.



107.9050, -29.0402, 74.6283



116.9290, -45.3210, 116.7033



149.5820, -49.5869, 38.0776



91.1640, -2.0529, 5.1182



65.7490, -32.4143, 83.5351



13.3890, -6.6008, 17.1988

Inverse Universe

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



134.0950, 29.0402, -74.6283



158.0710, 45.3210, -116.7033



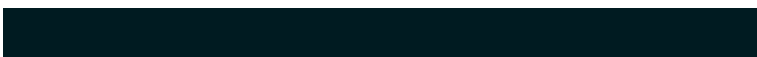
92.4180, 49.5869, -38.0776



92.8360, 2.0529, -5.1182



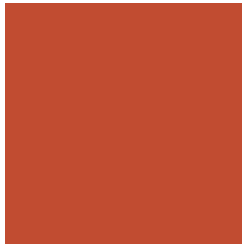
95.2510, 32.4143, -83.5351



19.6110, 6.6008, -17.1988

Previews

White Background



This preview shows how the YUV color 107.9050, -29.0402, 74.6283 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 107.9050, -29.0402, 74.6283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

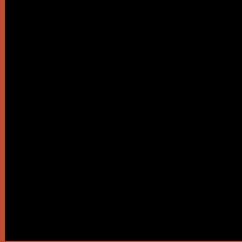
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.9050, -29.0402, 74.6283

Background



This preview shows how black text looks on a background with the YUV color 107.9050, -29.0402, 74.6283.



This preview shows how white text looks on a background with the YUV color 107.9050, -29.0402, 74.6283.

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

107.9050, -29.0402, 74.6283

Protanopia

111.5460, -24.9192, 12.6762

Deuteranopia

111.4140, -34.7141, 27.7009



Tritanopia

109.6350, -16.0891, 73.9881

Trichromacy



Original Color

107.9050, -29.0402, 74.6283

Protanomaly

110.0480, -26.1527, 35.0379

Deuteranomaly

110.0940, -32.5843, 44.6446

Tritanomaly

109.0820, -20.7464, 74.4731

Monochromacy



Original Color

107.9050, -29.0402, 74.6283

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8310, -10.2697, 27.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9050, -29.0402, 74.6283 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(193, 76, 49)` looks like.

```
.text, #text, p{  
    color:rgb(193, 76, 49)  
}
```

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(193, 76, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 76, 49) }
```

Border

The CSS property to change the border of an element to YUV 107.9050, -29.0402, 74.6283 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(193, 76, 49) }
```


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

```
.border{ border-color:rgb(193, 76, 49) }
```

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

Here you see how a box with a 4 pixel rgb(193, 76, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 76, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 76, 49);  
box-shadow:4px 4px 4px 4px rgb(193, 76,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 107.9050, -29.0402, 74.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 76, 49) }
```

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

```
.background{ background-color: rgb(193, 76,  
49) }
```

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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