

Converting Colors

YUV(104.0910, -34.5549,
70.0802)

Have a look what the booklet for
YUV(104.0910, -34.5549, 70.0802)
contains.

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Color

**YUV(104.0910, -34.5549,
70.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	B84D22
RGB	184, 77, 34
RGB Percent	72%, 30%, 13%
CMY	0.2784, 0.6980, 0.8667
CMYK	0.00, 0.58, 0.82, 0.28
HSL	17°, 69%, 43%
HSV	17°, 82%, 72%
XYZ	22.7098, 15.6136, 3.3302
YIQ	104.0910, 77.5750, 9.3110

Conversions

Conversions Part 2

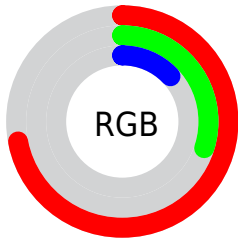
Format	Color
RYB	184, 94, 34
Decimal	12078370
CIELab	46.46, 41.02, 45.15
CIELCh	46, 61.003, 47.742
Yxy	15.6136, 0.5452, 0.3748
Android (android.graphics.Color)	4290268450 (0xFFB84D22)
YUV	104.0910, -34.5549, 70.0802
Hunter-Lab	39.5140, 33.4391, 22.6630

Details

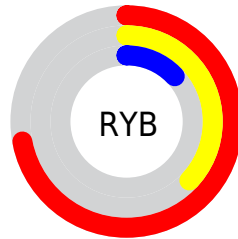
The YUV color **104.0910, -34.5549, 70.0802** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **113.9090, 34.5549, -70.0802**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6250, -37.7761, 76.6279**, and **51.1640, -25.2239, 63.8772** is the 20% darker color. If you saturate the color by 10%, you get **94.4080, -38.6551, 78.5722**, and if you desaturate by 10%, it is **113.7740, -30.4546, 61.5882**.

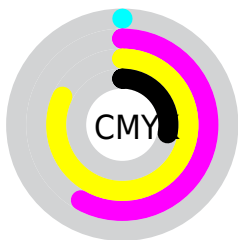
Distribution



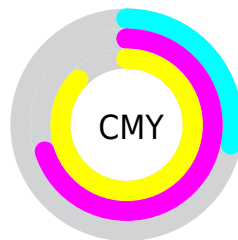
- Red (72%)
- Green (30%)
- Blue (13%)



- Red (72%)
- Yellow (37%)
- Blue (13%)



- Cyan (0%)
- Magenta (58%)
- Yellow (82%)
- Black (28%)



- Cyan (28%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0910, -34.5549, 70.0802 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 104.0910, -34.5549, 70.0802 by changing the saturation by 10% instead.

■ 104.0910,
-34.5549, 70.0802

■ 104.0910,
-34.5549, 70.0802

255.0000, 0.0000,
0.0000

■ 77.0090, -33.5284,
67.5211

■ 158.6250,
-37.7761, 76.6279

■ 51.1640, -25.2239,
63.8772

■ 180.0150,
-35.9964, 65.7618

■ 28.1060, -13.8563,
57.7890

■ 199.4150,
-32.7426, 48.7480

■ 19.4350, -9.5815,
39.9605

■ 218.9290,
-29.0520, 31.6343

■ 11.7750, -5.3121,
23.8763

■ 239.0300,
-25.6508, 14.0057

■ 0.0000, 0.0000,
0.0000

■ 250.4400,

-17.4719, 3.9991

253.6320, -5.2416,
1.1997

104.0910,
-34.5549, 70.0802

104.0910,
-34.5549, 70.0802

94.4080, -38.6551,
78.5722

113.7740,
-30.4546, 61.5882

86.1270, -42.4606,
85.8346

123.5710,
-25.9175, 52.9962

133.2540,
-21.8172, 44.5042

143.6380,
-17.5695, 35.3975

153.3210,
-13.4693, 26.9055

■ 163.0040, -9.3690,
18.4135

■ 172.8010, -4.8319,
9.8215

■ 182.4840, -0.7316,
1.3295

■ 192.2810, 3.8055,
-7.2624

Harmonies

Analogous

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



101.4330, -9.5805, 86.4433



104.0910, -34.5549, 70.0802



103.5500, -51.0501, 40.7367

Triad

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



104.0910, -34.5549, 70.0802



87.4020, -0.1982, -76.6516



102.3790, 52.0712, -41.5514

Complementary

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



104.0910, -34.5549, 70.0802



113.9090, 34.5549, -70.0802

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.



95.6680, 56.8587, -83.9008



104.0910, -34.5549, 70.0802



94.0310, 22.6627, -82.4652

Square

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



104.0910, -34.5549, 70.0802



88.7760, -27.4976, -47.1616



97.9870, 42.8974, -85.9346



112.6180, 33.2193, 31.9070

Rectangle

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



104.0910, -34.5549, 70.0802



101.9230, -50.2480, 16.7305



97.9870, 42.8974, -85.9346



89.9120, 60.1894, -78.8528

Sweetspot

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



104.0910, -34.5549, 70.0802



209.3210, -13.4693, 26.9055



91.1620, 25.0631, 81.4189



101.3350, -8.0532, 16.3692



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



104.0910, -34.5549, 70.0802



114.5940, -54.0298, 109.9811



148.1160, -56.2592, 31.4703



86.8650, -1.9054, 4.5034



73.0590, -36.0181, 72.7393



13.0680, -6.4425, 13.0954

Inverse Universe

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



113.9090, 34.5549, -70.0802



129.8190, 54.3192, -109.4663



70.4710, 55.9698, -31.9851



87.5480, 2.1948, -3.9886



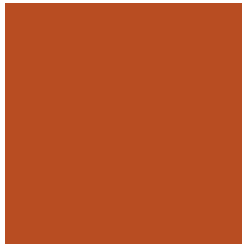
82.9410, 36.0181, -72.7393



14.9320, 6.4425, -13.0954

Previews

White Background



This preview shows how the YUV color 104.0910, -34.5549, 70.0802 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 104.0910, -34.5549, 70.0802 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 104.0910, -34.5549, 70.0802

Background



This preview shows how black text looks on a background with the YUV color 104.0910, -34.5549, 70.0802.



This preview shows how white text looks on a background with the YUV color 104.0910, -34.5549,

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

104.0910, -34.5549, 70.0802

Protanopia

107.1350, -31.6186, 14.7906

Deuteranopia

106.2310, -40.5399, 29.6154



Tritanopia

106.6560, -14.6204, 69.5847

Trichromacy



Original Color

104.0910, -34.5549, 70.0802

Protanomaly

106.3270, -32.6992, 34.7932

Deuteranomaly

105.6010, -38.2573, 44.1999

Tritanomaly

105.7070, -22.0406, 69.5400

Monochromacy



Original Color

104.0910, -34.5549, 70.0802

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9510, -12.3008, 25.4760

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0910, -34.5549, 70.0802 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(184, 77, 34)` looks like.

```
.text, #text, p{  
    color:rgb(184, 77, 34)  
}
```

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(184, 77, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 77, 34) }
```

Border

The CSS property to change the border of an element to YUV 104.0910, -34.5549, 70.0802 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(184, 77, 34) }
```


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

```
.border{ border-color:rgb(184, 77, 34) }
```

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

Here you see how a box with a 4 pixel rgb(184, 77, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 77, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 77, 34);  
box-shadow:4px 4px 4px 4px rgb(184, 77,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 104.0910, -34.5549, 70.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 77, 34) }
```

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

```
.background{ background-color: rgb(184, 77,  
34) }
```

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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