

Converting Colors

YUV(128.6820, -34.3532,
52.0219)

Have a look what the booklet for
YUV(128.6820, -34.3532, 52.0219)
contains.

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Color

**YUV(128.6820, -34.3532,
52.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	BC703B
RGB	188, 112, 59
RGB Percent	74%, 44%, 23%
CMY	0.2627, 0.5608, 0.7686
CMYK	0.00, 0.40, 0.69, 0.26
HSL	25°, 52%, 48%
HSV	25°, 69%, 74%
XYZ	27.3226, 22.5955, 7.0590
YIQ	128.6820, 62.3090, -0.3710

Conversions

Conversions Part 2

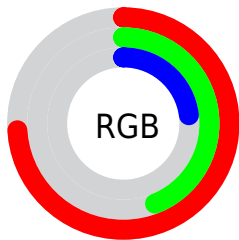
Format	Color
R_{YB}	188, 149, 59
Decimal	12349499
CIE _{Lab}	54.65, 25.45, 41.47
CIE _{LCh}	55, 48.657, 58.465
Yxy	22.5955, 0.4795, 0.3966
Android (android.graphics.Color)	4290539579 (0xFFBC703B)
YUV	128.6820, -34.3532, 52.0219
Hunter-Lab	47.5347, 19.4149, 24.4696

Details

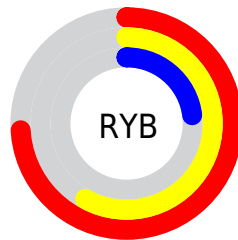
The YUV color **128.6820, -34.3532, 52.0219** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **118.3180, 34.3532, -52.0219**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7320, -36.8429, 57.2400**, and **76.9910, -33.0266, 46.4889** is the 20% darker color. If you saturate the color by 10%, you get **120.0590, -39.4691, 59.5843**, and if you desaturate by 10%, it is **137.3050, -29.2374, 44.4595**.

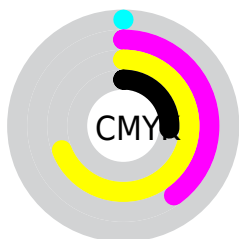
Distribution



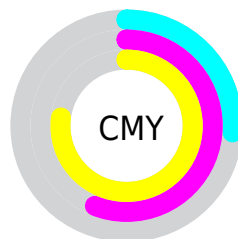
- Red (74%)
- Green (44%)
- Blue (23%)



- Red (74%)
- Yellow (58%)
- Blue (23%)



- Cyan (0%)
- Magenta (40%)
- Yellow (69%)
- Black (26%)



- Cyan (26%)
- Magenta (56%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6820, -34.3532, 52.0219 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 128.6820, -34.3532, 52.0219 by changing the saturation by 10% instead.

■ 128.6820,
-34.3532, 52.0219

■ 128.6820,
-34.3532, 52.0219

■ 255.0000, 0.0000,
0.0000

■ 102.6000,
-33.3268, 49.4628

■ 182.7320,
-36.8429, 57.2400

■ 76.9910, -33.0266,
46.4889

■ 204.2250,
-34.6209, 44.5297

■ 53.9780, -26.6112,
42.1153

■ 223.7390,
-30.9303, 27.4159

■ 32.1050, -15.8278,
36.7419

■ 243.2530,
-27.2397, 10.3021

■ 14.3520, -7.0755,
29.5093

■ 250.5540,
-17.0351, 3.8991

■ 1.7940, -0.8844,
3.6887

■ 253.8600, -4.3680,

■ 0.0000, 0.0000,

0.9998

0.0000

■ 128.6820,
-34.3532, 52.0219

■ 128.6820,
-34.3532, 52.0219

■ 120.0590,
-39.4691, 59.5843

■ 137.3050,
-29.2374, 44.4595

■ 111.4360,
-44.5849, 67.1466

■ 145.9280,
-24.1215, 36.8971

■ 102.9270,
-49.2640, 74.6090

■ 154.4370,
-19.4424, 29.4348

■ 101.4110,
-49.9956, 75.9386

■ 163.0600,
-14.3266, 21.8724

■ 171.6830, -9.2107,
14.3100

■ 180.3060, -4.0949,
6.7476

■ 189.5160, 0.7316,
-1.3295

■ 198.0250, 5.4107,
-8.7919

■ 206.6480, 10.5265,
-16.3543

Harmonies

Analogous

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



129.1350, -17.8146, 67.4106



128.6820, -34.3532, 52.0219



126.4540, -42.1288, 25.9118

Triad

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



128.6820, -34.3532, 52.0219



103.1150, 11.7753, -90.4319



132.6690, 35.6592, -4.0947

Complementary

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



128.6820, -34.3532, 52.0219



118.3180, 34.3532, -52.0219

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.



107.9300, 52.7855, -84.1306



128.6820, -34.3532, 52.0219



108.0170, 30.5576, -94.7309

Square

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



128.6820, -34.3532, 52.0219



113.6090, -14.1042, -49.6461



108.7300, 45.9821, -95.3562



134.2310, 20.0991, 40.1394

Rectangle

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



128.6820, -34.3532, 52.0219



124.1200, -39.0062, 4.2798



108.7300, 45.9821, -95.3562



129.1120, 40.3708, -22.0232

Sweetspot

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



128.6820, -34.3532, 52.0219



221.4620, -14.0318, 20.6428



106.3490, 14.6179, 71.6079



108.0140, -7.8949, 12.2657



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.



128.6820, -34.3532, 52.0219



152.8200, -53.6483, 80.8419



165.6630, -52.5849, 19.5895



90.0390, -2.4842, 3.4738



85.3970, -42.1007, 63.6728



16.9000, -8.3317, 12.3657

Inverse Universe

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



118.3180, 34.3532, -52.0219



136.1800, 53.6483, -80.8419



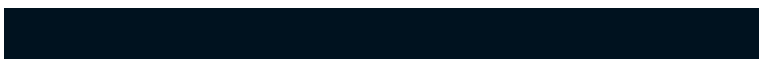
81.3370, 52.5849, -19.5895



88.9610, 2.4842, -3.4738



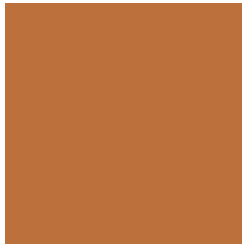
72.6030, 42.1007, -63.6728



14.1000, 8.3317, -12.3657

Previews

White Background



This preview shows how the YUV color 128.6820, -34.3532, 52.0219 looks on a white background.

Color Contrast Check

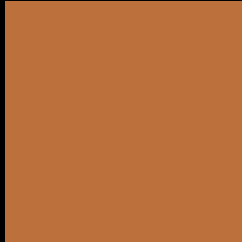
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 128.6820, -34.3532, 52.0219 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 128.6820, -34.3532, 52.0219

Background



This preview shows how black text looks on a background with the YUV color 128.6820, -34.3532, 52.0219.



This preview shows how white text looks on a background with the YUV color 128.6820, -34.3532,

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

128.6820, -34.3532, 52.0219

Protanopia

127.6620, -30.8924, 15.2054

Deuteranopia

128.4960, -35.7405, 30.2600



Tritanopia

132.3270, -9.0352, 51.4562

Trichromacy



Original Color

128.6820, -34.3532, 52.0219

Protanomaly

128.1090, -32.0987, 28.8454

Deuteranomaly

128.3660, -35.1834, 38.2670

Tritanomaly

130.9220, -18.2025, 51.8114

Monochromacy



Original Color

128.6820, -34.3532, 52.0219

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9070, -12.2792, 18.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6820, -34.3532, 52.0219 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(188, 112, 59)` looks like.

```
.text, #text, p{  
    color:rgb(188, 112, 59)  
}
```

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(188, 112, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 112, 59) }
```

Border

The CSS property to change the border of an element to YUV 128.6820, -34.3532, 52.0219 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(188, 112, 59) }
```


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

```
.border{ border-color:rgb(188, 112, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 112, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 112, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 112, 59);  
box-shadow:4px 4px 4px 4px rgb(188, 112,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 128.6820, -34.3532, 52.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 112, 59) }
```

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

```
.background{ background-color: rgb(188,  
112, 59) }
```

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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