

Converting Colors

YUV(116.6710, -34.3478,
50.2775)

Have a look what the booklet for
YUV(116.6710, -34.3478, 50.2775)
contains.

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Color

**YUV(116.6710, -34.3478,
50.2775)**

Conversions

Conversions Part 1

Format	Color
Hex	AE652F
RGB	174, 101, 47
RGB Percent	68%, 40%, 18%
CMY	0.3176, 0.6039, 0.8157
CMYK	0.00, 0.42, 0.73, 0.32
HSL	26°, 57%, 43%
HSV	26°, 73%, 68%
XYZ	22.6223, 18.5113, 5.0700
YIQ	116.6710, 60.8420, -1.3180

Conversions

Conversions Part 2

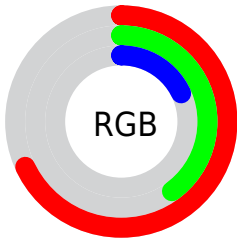
Format	Color
R_{YB}	174, 141, 47
Decimal	11429167
CIE Lab	50.11, 24.90, 42.03
CIE LCh	50, 48.855, 59.352
Yxy	18.5113, 0.4896, 0.4006
Android (android.graphics.Color)	4289619247 (0xFFAE652F)
YUV	116.6710, -34.3478, 50.2775
Hunter-Lab	43.0247, 18.5617, 23.1306

Details

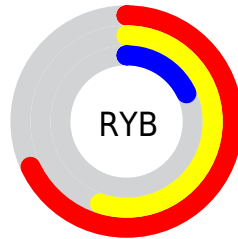
The YUV color **116.6710, -34.3478, 50.2775** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **104.3290, 34.3478, -50.2775**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7210, -36.8375, 55.4957**, and **65.7950, -32.4369, 44.0298** is the 20% darker color. If you saturate the color by 10%, you get **108.8630, -38.8795, 57.1251**, and if you desaturate by 10%, it is **124.4790, -29.8161, 43.4299**.

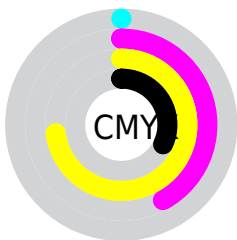
Distribution



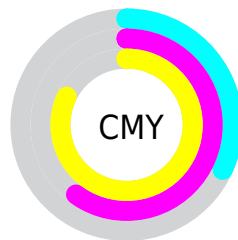
- Red (68%)
- Green (40%)
- Blue (18%)



- Red (68%)
- Yellow (55%)
- Blue (18%)



- Cyan (0%)
- Magenta (42%)
- Yellow (73%)
- Black (32%)



- Cyan (32%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6710, -34.3478, 50.2775 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 116.6710, -34.3478, 50.2775 by changing the saturation by 10% instead.

■ 116.6710,
-34.3478, 50.2775

■ 116.6710,
-34.3478, 50.2775

255.0000, 0.0000,
0.0000

■ 91.1760, -33.6108,
47.2036

■ 170.7210,
-36.8375, 55.4957

■ 65.7950, -32.4369,
44.0298

■ 195.1120,
-36.5372, 52.5218

■ 43.9220, -21.6535,
38.6564

■ 214.5120,
-33.2834, 35.5080

■ 22.3480, -11.0176,
33.8978

■ 234.7270,
-29.4454, 17.7794

■ 11.7750, -5.3121,
23.8763

■ 248.9580,
-23.1503, 5.2988

■ 0.0000, 0.0000,
0.0000

■ 252.2640,

-10.4832, 2.3995

■ 116.6710,
-34.3478, 50.2775

■ 116.6710,
-34.3478, 50.2775

■ 108.8630,
-38.8795, 57.1251

■ 124.4790,
-29.8161, 43.4299

■ 100.9410,
-43.8479, 64.0727

■ 132.4010,
-24.8477, 36.4823

■ 95.4640, -47.0638,
68.8761

■ 140.2090,
-20.3160, 29.6347

■ 148.1310,
-15.3476, 22.6871

■ 155.9390,
-10.8159, 15.8395

■ 163.7470, -6.2843,
8.9919

■ 171.6690, -1.3158,
2.0443

■ 179.4770, 3.2158,
-4.8033

■ 187.3990, 8.1843,
-11.7509

Harmonies

Analogous

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



117.4230, -17.9565, 66.2810



116.6710, -34.3478, 50.2775



114.3290, -42.5602, 24.2675

Triad

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



116.6710, -34.3478, 50.2775



94.9310, 10.8800, -83.2545



121.1530, 34.9276, -2.7652

Complementary

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



116.6710, -34.3478, 50.2775



104.3290, 34.3478, -50.2775

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.



95.8160, 52.3487, -84.0306



116.6710, -34.3478, 50.2775



99.7190, 29.2255, -87.4536

Square

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



116.6710, -34.3478, 50.2775



100.0430, -12.3462, -53.5347



100.3180, 44.2132, -87.9789



122.4160, 19.5149, 40.8542

Rectangle

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



116.6710, -34.3478, 50.2775



111.5220, -38.7113, 3.0502



100.3180, 44.2132, -87.9789



117.2970, 39.7866, -21.3085

Sweetspot

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



116.6710, -34.3478, 50.2775



204.2770, -13.4476, 19.9281



93.4090, 13.6024, 70.6783



101.6010, -8.1843, 11.7509



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



116.6710, -34.3478, 50.2775



136.6950, -54.0796, 79.1975



153.0650, -52.2900, 18.3600



83.0390, -2.4842, 3.4738



82.4180, -40.6321, 59.2694



12.7470, -6.2843, 8.9919

Inverse Universe

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



104.3290, 34.3478, -50.2775



117.3050, 54.0796, -79.1975



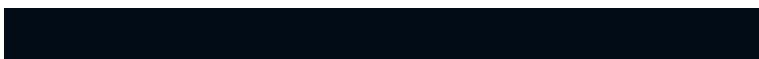
67.9350, 52.2900, -18.3600



81.9610, 2.4842, -3.4738



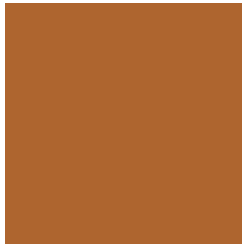
67.5820, 40.6321, -59.2694



10.2530, 6.2843, -8.9919

Previews

White Background



This preview shows how the YUV color 116.6710, -34.3478, 50.2775 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 116.6710, -34.3478, 50.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

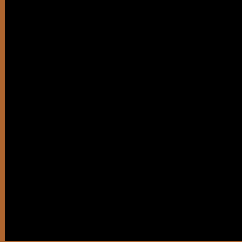
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.6710, -34.3478, 50.2775

Background



This preview shows how black text looks on a background with the YUV color 116.6710, -34.3478, 50.2775.



This preview shows how white text looks on a background with the YUV color 116.6710, -34.3478,

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

116.6710, -34.3478, 50.2775

Protanopia

116.2490, -31.1818, 14.6906

Deuteranopia

116.3710, -36.1719, 28.6156



Tritanopia

120.3160, -9.0298, 49.7119

Trichromacy



Original Color

116.6710, -34.3478, 50.2775

Protanomaly

116.3970, -32.2407, 27.7158

Deuteranomaly

116.2410, -35.6148, 36.6226

Tritanomaly

118.9110, -18.1971, 50.0671

Monochromacy



Original Color

116.6710, -34.3478, 50.2775

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9070, -12.2792, 18.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6710, -34.3478, 50.2775 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(174, 101, 47)` looks like.

```
.text, #text, p{  
    color:rgb(174, 101, 47)  
}
```

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(174, 101, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 101, 47) }
```

Border

The CSS property to change the border of an element to YUV 116.6710, -34.3478, 50.2775 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(174, 101, 47) }
```


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

```
.border{ border-color:rgb(174, 101, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 101, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 101, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 101, 47);  
box-shadow:4px 4px 4px 4px rgb(174, 101,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 116.6710, -34.3478, 50.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 101, 47) }
```

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

```
.background{ background-color: rgb(174,  
101, 47) }
```

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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