

Converting Colors

YUV(114.7210, -36.8375,
55.4957)

Have a look what the booklet for
YUV(114.7210, -36.8375, 55.4957)
contains.

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Color

**YUV(114.7210, -36.8375,
55.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	B26128
RGB	178, 97, 40
RGB Percent	70%, 38%, 16%
CMY	0.3020, 0.6196, 0.8431
CMYK	0.00, 0.46, 0.78, 0.30
HSL	25°, 63%, 43%
HSV	25°, 78%, 70%
XYZ	23.0178, 18.1676, 4.3010
YIQ	114.7210, 66.5730, -0.5550

Conversions

Conversions Part 2

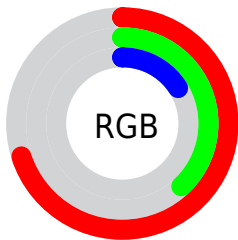
Format	Color
R_{YB}	178, 137, 40
Decimal	11690280
CIE _{Lab}	49.70, 28.47, 45.16
CIE _{LCh}	50, 53.387, 57.768
Yxy	18.1676, 0.5060, 0.3994
Android (android.graphics.Color)	4289880360 (0xFFB26128)
YUV	114.7210, -36.8375, 55.4957
Hunter-Lab	42.6234, 21.8038, 23.8536

Details

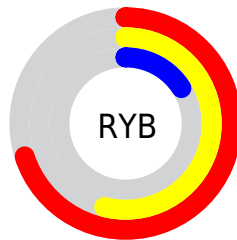
The YUV color **114.7210, -36.8375, 55.4957** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **103.2790, 36.8375, -55.4957**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7710, -39.3271, 60.7138**, and **64.6430, -31.8690, 48.5481** is the 20% darker color. If you saturate the color by 10%, you get **106.7990, -41.8059, 62.4433**, and if you desaturate by 10%, it is **122.6430, -31.8690, 48.5481**.

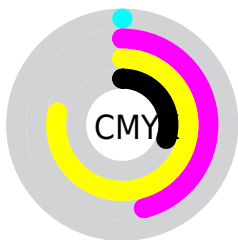
Distribution



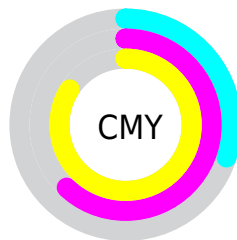
- Red (70%)
- Green (38%)
- Blue (16%)



- Red (70%)
- Yellow (54%)
- Blue (16%)



- Cyan (0%)
- Magenta (46%)
- Yellow (78%)
- Black (30%)





- Cyan (30%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.7210, -36.8375, 55.4957 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 114.7210, -36.8375, 55.4957 by changing the saturation by 10% instead.


 114.7210,
-36.8375, 55.4957


 114.7210,
-36.8375, 55.4957


255.0000, 0.0000,
0.0000


 88.1120, -36.5372,
52.5218


 168.7710,
-39.3271, 60.7138


 64.6430, -31.8690,
48.5481

 191.9660,
-38.4372, 55.2808


 41.8840, -20.6488,
43.0747

 211.3660,
-35.1834, 38.2670

 20.0110, -9.8654,
37.7014

 230.8800,
-31.4928, 21.1532

 12.0740, -5.4595,
24.4911

 248.1600,
-26.2079, 5.9987

 0.0000, 0.0000,
0.0000

 251.3520,

-13.9775, 3.1993

254.6580, -1.3104,
0.2999

■ 114.7210,
-36.8375, 55.4957

■ 114.7210,
-36.8375, 55.4957

■ 106.7990,
-41.8059, 62.4433

■ 122.6430,
-31.8690, 48.5481

■ 98.2900, -46.4850,
69.9057

■ 131.1520,
-27.1899, 41.0857

■ 96.6600, -47.6534,
71.3352

■ 138.9600,
-22.6583, 34.2381

■ 147.4690,
-17.9792, 26.7757

■ 155.3910,
-13.0108, 19.8281

■ 163.9000, -8.3317,
12.3657

■ 171.8220, -3.3632,
5.4181

■ 180.2170, 0.8790,
-1.9443

■ 188.1390, 5.8475,
-8.8919

Harmonies

Analogous

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



114.5810, -17.5414, 73.1585



114.7210, -36.8375, 55.4957



111.9290, -49.2650, 28.1263

Triad

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



114.7210, -36.8375, 55.4957



94.4750, 9.1328, -82.8546



119.2710, 39.3064, -7.2537

Complementary

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



114.7210, -36.8375, 55.4957



103.2790, 36.8375, -55.4957

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.



96.6140, 55.4063, -84.7305



114.7210, -36.8375, 55.4957



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.



114.7210, -36.8375, 55.4957



95.8420, -14.2191, -59.4974



101.3610, 45.6710, -88.8936



120.9370, 22.7091, 43.0283

Rectangle

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



114.7210, -36.8375, 55.4957



109.2250, -44.9739, 5.0647



101.3610, 45.6710, -88.8936



114.5070, 44.6130, -29.3856

Sweetspot

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



114.7210, -36.8375, 55.4957



207.7610, -14.1792, 21.2576



90.7240, 15.9121, 76.5411



102.0850, -8.9159, 13.0805



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



114.7210, -36.8375, 55.4957



132.8270, -57.5957, 86.9747



154.0500, -56.2267, 21.0041



85.0390, -2.4842, 3.4738



82.7280, -40.7849, 61.6285



14.2310, -7.0159, 10.3214

Inverse Universe

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



103.2790, 36.8375, -55.4957



115.1730, 57.5957, -86.9747



63.9500, 56.2267, -21.0041



84.5480, 2.1948, -3.9886



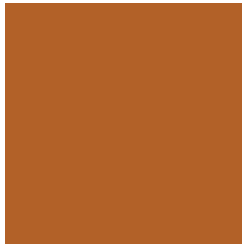
70.2720, 40.7849, -61.6285



11.7690, 7.0159, -10.3214

Previews

White Background



This preview shows how the YUV color 114.7210, -36.8375, 55.4957 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 114.7210, -36.8375, 55.4957 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 114.7210, -36.8375, 55.4957

Background



This preview shows how black text looks on a background with the YUV color 114.7210, -36.8375, 55.4957.



This preview shows how white text looks on a background with the YUV color 114.7210, -36.8375,

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

114.7210, -36.8375, 55.4957

Protanopia

114.5650, -33.8025, 15.2905

Deuteranopia

114.8720, -39.3769, 29.9303



Tritanopia

118.7080, -10.2090, 54.6301

Trichromacy



Original Color

114.7210, -36.8375, 55.4957

Protanomaly

114.7240, -34.8669, 30.0601

Deuteranomaly

114.8670, -38.3884, 39.5816

Tritanomaly

117.1890, -19.8132, 55.0852

Monochromacy



Original Color

114.7210, -36.8375, 55.4957

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.6900, -13.1582, 20.4429

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7210, -36.8375, 55.4957 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(178, 97, 40)` looks like.

```
.text, #text, p{  
    color:rgb(178, 97, 40)  
}
```

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(178, 97, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 97, 40) }
```

Border

The CSS property to change the border of an element to YUV 114.7210, -36.8375, 55.4957 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(178, 97, 40) }
```


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

```
.border{ border-color:rgb(178, 97, 40) }
```

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

Here you see how a box with a 4 pixel rgb(178, 97, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 97, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 97, 40);  
box-shadow:4px 4px 4px 4px rgb(178, 97,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 114.7210, -36.8375, 55.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 97, 40) }
```

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

```
.background{ background-color: rgb(178, 97,  
40) }
```

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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