

Converting Colors

YUV(116.6120, -18.0497,
49.4523)

Have a look what the booklet for
YUV(116.6120, -18.0497, 49.4523)
contains.

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Color

**YUV(116.6120, -18.0497,
49.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5F50
RGB	173, 95, 80
RGB Percent	68%, 37%, 31%
CMY	0.3216, 0.6275, 0.6863
CMYK	0.00, 0.45, 0.54, 0.32
HSL	10°, 37%, 50%
HSV	10°, 54%, 68%
XYZ	22.7738, 17.6478, 9.7955
YIQ	116.6120, 51.3030, 11.8710

Conversions

Conversions Part 2

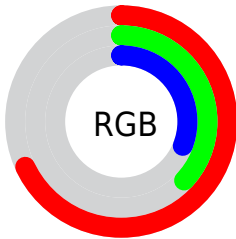
Format	Color
R_{YB}	173, 98, 80
Decimal	11362128
CIE _{Lab}	49.07, 30.10, 22.57
CIE _{LCh}	49, 37.616, 36.865
Yxy	17.6478, 0.4535, 0.3514
Android (android.graphics.Color)	4289552208 (0xFFAD5F50)
YUV	116.6120, -18.0497, 49.4523
Hunter-Lab	42.0093, 23.2506, 15.5817

Details

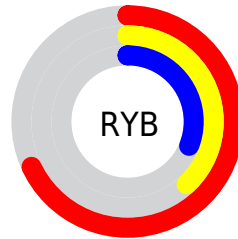
The YUV color **116.6120, -18.0497, 49.4523** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **136.3880, 18.0497, -49.4523**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3630, -20.3920, 54.0556**, and **65.9750, -15.2707, 44.7489** is the 20% darker color. If you saturate the color by 10%, you get **105.8690, -21.1344, 58.8739**, and if you desaturate by 10%, it is **127.3550, -14.9650, 40.0307**.

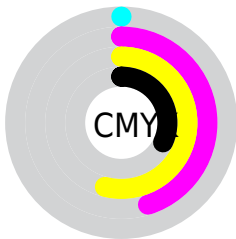
Distribution



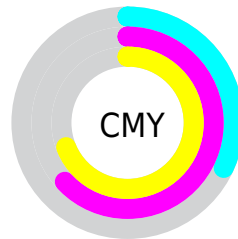
- Red (68%)
- Green (37%)
- Blue (31%)



- Red (68%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (45%)
- Yellow (54%)
- Black (32%)



- Cyan (32%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6120, -18.0497, 49.4523 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 116.6120, -18.0497, 49.4523 by changing the saturation by 10% instead.

■ 116.6120,
-18.0497, 49.4523

■ 116.6120,
-18.0497, 49.4523

■ 255.0000, 0.0000,
0.0000

■ 90.9430, -16.7339,
47.4080

■ 170.3630,
-20.3920, 54.0556

■ 65.9750, -15.2707,
44.7489

■ 196.0530,
-20.2391, 51.6965

■ 41.1210, -13.3707,
41.9899

■ 214.9800,
-16.2591, 35.0975

■ 18.8370, -9.2866,
38.7310

■ 235.1950,
-12.4211, 17.3690

■ 11.7750, -5.3121,
23.8763

■ 253.0620, -7.4256,
1.6996

■ 0.0000, 0.0000,
0.0000

■ 116.6120,
-18.0497, 49.4523

■ 116.6120,
-18.0497, 49.4523

■ 105.8690,
-21.1344, 58.8739

■ 127.3550,
-14.9650, 40.0307

■ 95.5990, -24.9453,
67.8807

■ 137.6250,
-11.1541, 31.0239

■ 84.8560, -28.0300,
77.3023

■ 148.3680, -8.0694,
21.6023

■ 74.7000, -31.4041,
86.2091

■ 158.5240, -4.6953,
12.6955

■ 68.1630, -33.6044,
91.9420

■ 169.3810, -1.1738,
3.1739

■ 179.5370, 2.2003,
-5.7329

■ 190.2800, 5.2850,
-15.1546

■ 200.4360, 8.6591,

-24.0614

■ 211.2930, 12.1806,
-33.5830

Harmonies

Analogous

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



117.9940, -3.9410, 50.8713



116.6120, -18.0497, 49.4523



115.4780, -28.3367, 35.5378

Triad

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



116.6120, -18.0497, 49.4523



102.1070, -5.9688, -45.6978



111.9230, 33.5620, -31.5045

Complementary

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



116.6120, -18.0497, 49.4523



136.3880, 18.0497, -49.4523

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.



94.4990, 39.6870, -82.8756



116.6120, -18.0497, 49.4523



92.0930, 15.2372, -80.7656

Square

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



116.6120, -18.0497, 49.4523



109.6630, -22.5119, -12.8595



95.0400, 29.0673, -83.3501



119.3580, 23.9805, 8.4560

Rectangle

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



116.6120, -18.0497, 49.4523



113.9940, -31.0560, 21.0533



95.0400, 29.0673, -83.3501



106.7960, 36.0896, -48.9331

Sweetspot

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



116.6120, -18.0497, 49.4523



202.2860, -7.0430, 19.0432



116.8130, 20.7982, 49.2760



99.0400, -3.9637, 11.3659



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



116.6120, -18.0497, 49.4523



135.8560, -28.0300, 77.3023



143.0270, -31.0723, 26.2863



81.2780, -1.6161, 5.0182



58.9380, -29.0564, 79.8614



9.2250, -4.5479, 12.0807

Inverse Universe

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



136.3880, 18.0497, -49.4523



167.1440, 28.0300, -77.3023



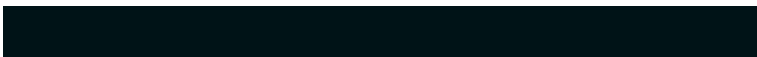
109.9730, 31.0723, -26.2863



83.1350, 1.9054, -4.5034



91.0620, 29.0564, -79.8614



13.7750, 4.5479, -12.0807

Previews

White Background



This preview shows how the YUV color 116.6120, -18.0497, 49.4523 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 116.6120, -18.0497, 49.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

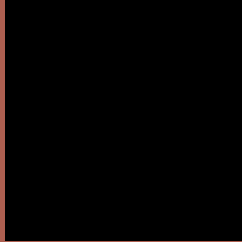
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.6120, -18.0497, 49.4523

Background



This preview shows how black text looks on a background with the YUV color 116.6120, -18.0497, 49.4523.



This preview shows how white text looks on a background with the YUV color 116.6120, -18.0497,

49.4523.

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

116.6120, -18.0497, 49.4523

Protanopia

116.2000, -13.4096, 7.7176

Deuteranopia

116.6810, -19.5627, 21.3278



Tritanopia

117.3160, -9.0298, 49.7119

Trichromacy



Original Color

116.6120, -18.0497, 49.4523

Protanomaly

116.2450, -14.9108, 22.5871

Deuteranomaly

116.8610, -19.1585, 31.6939

Tritanomaly

117.1050, -12.3768, 49.8969

Monochromacy



Original Color

116.6120, -18.0497, 49.4523

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8020, -6.3114, 17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6120, -18.0497, 49.4523 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(173, 95, 80)` looks like.

```
.text, #text, p{  
    color:rgb(173, 95, 80)  
}
```

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(173, 95, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 95, 80) }
```

Border

The CSS property to change the border of an element to YUV 116.6120, -18.0497, 49.4523 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(173, 95, 80) }
```


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

```
.border{ border-color:rgb(173, 95, 80) }
```

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

Here you see how a box with a 4 pixel rgb(173, 95, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 95, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 95, 80);  
box-shadow:4px 4px 4px 4px rgb(173, 95,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 116.6120, -18.0497, 49.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 95, 80) }
```

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

```
.background{ background-color: rgb(173, 95,  
80) }
```

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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