

Converting Colors

YUV(112.5470, -19.4967,
46.8783)

Have a look what the booklet for
YUV(112.5470, -19.4967, 46.8783)
contains.

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Color

**YUV(112.5470, -19.4967,
46.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	A65D49
RGB	166, 93, 73
RGB Percent	65%, 36%, 29%
CMY	0.3490, 0.6353, 0.7137
CMYK	0.00, 0.44, 0.56, 0.35
HSL	13°, 39%, 47%
HSV	13°, 56%, 65%
XYZ	20.8428, 16.4167, 8.3735
YIQ	112.5470, 49.9280, 9.2560

Conversions

Conversions Part 2

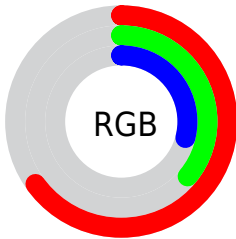
Format	Color
RYB	166, 98, 73
Decimal	10902857
CIELab	47.52, 27.74, 24.46
CIELCh	48, 36.982, 41.408
Yxy	16.4167, 0.4567, 0.3598
Android (android.graphics.Color)	4289092937 (0xFFA65D49)
YUV	112.5470, -19.4967, 46.8783
Hunter-Lab	40.5176, 20.9173, 16.1092

Details

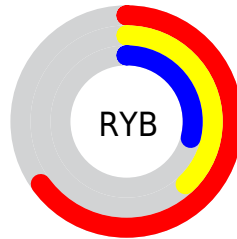
The YUV color **112.5470, -19.4967, 46.8783** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **126.4530, 19.4967, -46.8783**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4120, -21.4021, 51.3817**, and **62.6110, -16.5702, 41.5602** is the 20% darker color. If you saturate the color by 10%, you get **102.9780, -23.1602, 55.2703**, and if you desaturate by 10%, it is **122.1160, -15.8332, 38.4863**.

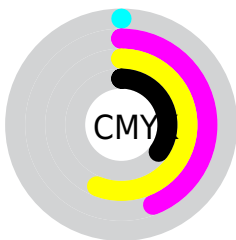
Distribution



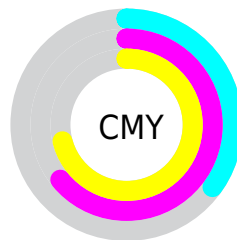
- Red (65%)
- Green (36%)
- Blue (29%)



- Red (65%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (56%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.5470, -19.4967, 46.8783 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 112.5470, -19.4967, 46.8783 by changing the saturation by 10% instead.

■ 112.5470,
-19.4967, 46.8783

■ 112.5470,
-19.4967, 46.8783

■ 255.0000, 0.0000,
0.0000

■ 87.4650, -18.4702,
44.3192

■ 165.4120,
-21.4021, 51.3817

■ 62.6110, -16.5702,
41.5602

■ 193.1950,
-22.2811, 53.3260

■ 38.3010, -16.4174,
39.2010

■ 212.8940,
-19.1747, 36.9270

■ 17.0430, -8.4022,
35.0423

■ 232.5220,
-15.0473, 19.7132

■ 9.3830, -4.1328,
18.9581

■ 252.1500,
-10.9200, 2.4994

■ 0.0000, 0.0000,
0.0000

■ 112.5470,
-19.4967, 46.8783

■ 112.5470,
-19.4967, 46.8783

■ 102.9780,
-23.1602, 55.2703

■ 122.1160,
-15.8332, 38.4863

■ 93.5230, -26.3868,
63.5623

■ 131.5710,
-12.6065, 30.1942

■ 83.9540, -30.0503,
71.9543

■ 141.1400, -8.9430,
21.8022

■ 74.4990, -33.2770,
80.2464

■ 150.5950, -5.7163,
13.5102

■ 70.7660, -34.8876,
83.5202

■ 160.1640, -2.0529,
5.1182

■ 169.7330, 1.6106,
-3.2738

■ 179.1880, 4.8373,
-11.5659

■ 188.7570, 8.5008,

-19.9579

■ 198.2120, 11.7275,
-28.2499

Harmonies

Analogous

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



113.8260, -5.8302, 50.1416



112.5470, -19.4967, 46.8783



111.0430, -28.6152, 31.5343

Triad

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



112.5470, -19.4967, 46.8783



96.3990, -2.1687, -51.2159



110.0980, 31.5037, -24.6419

Complementary

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



112.5470, -19.4967, 46.8783



126.4530, 19.4967, -46.8783

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.



90.5210, 39.6761, -79.3869



112.5470, -19.4967, 46.8783



89.8590, 16.8315, -78.8063

Square

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



112.5470, -19.4967, 46.8783



105.2110, -20.3170, -16.8480



91.9910, 30.0774, -80.6761



116.1090, 21.6383, 13.0594

Rectangle

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



112.5470, -19.4967, 46.8783



109.4990, -30.3190, 17.9794



91.9910, 30.0774, -80.6761



105.3950, 34.3153, -39.8114

Sweetspot

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



112.5470, -19.4967, 46.8783



195.7590, -7.7692, 18.6284



109.2430, 18.6142, 49.7759



96.9260, -4.4005, 11.4659



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



112.5470, -19.4967, 46.8783



133.5520, -30.3451, 73.1839



138.9620, -32.5193, 23.7123



79.5660, -1.7580, 3.8886



63.0360, -31.0767, 74.5134



8.3280, -4.1057, 10.2363

Inverse Universe

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



126.4530, 19.4967, -46.8783



155.4480, 30.3451, -73.1839



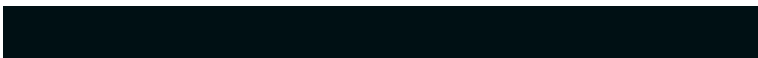
100.0380, 32.5193, -23.7123



80.4340, 1.7580, -3.8886



84.9640, 31.0767, -74.5134



11.6720, 4.1057, -10.2363

Previews

White Background



This preview shows how the YUV color 112.5470, -19.4967, 46.8783 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 112.5470, -19.4967, 46.8783 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 112.5470, -19.4967, 46.8783

Background



This preview shows how black text looks on a background with the YUV color 112.5470, -19.4967, 46.8783.



This preview shows how white text looks on a background with the YUV color 112.5470, -19.4967, 46.8783.

46.8783.

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

112.5470, -19.4967, 46.8783

Protanopia

112.0430, -15.3042, 8.7323

Deuteranopia

112.3390, -20.8731, 21.6277



Tritanopia

114.0060, -8.8770, 47.3527

Trichromacy



Original Color

112.5470, -19.4967, 46.8783

Protanomaly

112.3760, -16.9474, 22.4722

Deuteranomaly

112.8070, -20.6109, 30.8643

Tritanomaly

113.3820, -12.5133, 47.0230

Monochromacy



Original Color

112.5470, -19.4967, 46.8783

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8620, -7.3270, 16.7840

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5470, -19.4967, 46.8783 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(166, 93, 73)` looks like.

```
.text, #text, p{  
    color:rgb(166, 93, 73)  
}
```

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(166, 93, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 93, 73) }
```

Border

The CSS property to change the border of an element to YUV 112.5470, -19.4967, 46.8783 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(166, 93, 73) }
```


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

```
.border{ border-color:rgb(166, 93, 73) }
```

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

Here you see how a box with a 4 pixel rgb(166, 93, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 93, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 93, 73);  
box-shadow:4px 4px 4px 4px rgb(166, 93,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 112.5470, -19.4967, 46.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 93, 73) }
```

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

```
.background{ background-color: rgb(166, 93,  
73) }
```

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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