

Converting Colors

YUV(112.8360, 15.8569,
47.5018)

Have a look what the booklet for
YUV(112.8360, 15.8569, 47.5018)
contains.

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Color

**YUV(112.8360, 15.8569,
47.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	A74F91
RGB	167, 79, 145
RGB Percent	65%, 31%, 57%
CMY	0.3451, 0.6902, 0.4314
CMYK	0.00, 0.53, 0.13, 0.35
HSL	315°, 36%, 48%
HSV	315°, 53%, 65%
XYZ	23.8432, 15.8518, 28.5911
YIQ	112.8360, 31.2620, 39.1820

Conversions

Conversions Part 2

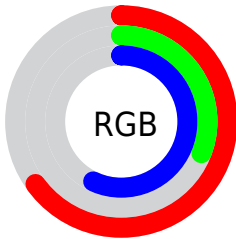
Format	Color
R_{YB}	167, 79, 145
Decimal	10964881
CIE _{Lab}	46.78, 44.74, -19.83
CIE _{LCh}	47, 48.937, 336.094
Yxy	15.8518, 0.3492, 0.2321
Android (android.graphics.Color)	4289154961 (0xFFA74F91)
YUV	112.8360, 15.8569, 47.5018
Hunter-Lab	39.8143, 37.2214, -14.7068

Details

The YUV color **112.8360, 15.8569, 47.5018** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **133.1640, -15.8569, -47.5018**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1460, 15.7040, 49.8610**, and **59.7650, 16.8779, 46.6871** is the 20% darker color. If you saturate the color by 10%, you get **102.4010, 19.0293, 56.6533**, and if you desaturate by 10%, it is **123.2710, 12.6844, 38.3503**.

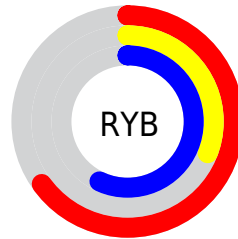
Distribution



Red (65%)

Green (31%)

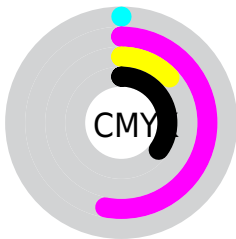
Blue (57%)



Red (65%)

Yellow (31%)

Blue (57%)

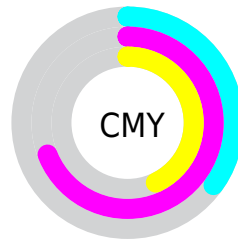


Cyan (0%)

Magenta (53%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (69%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8360, 15.8569, 47.5018 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 112.8360, 15.8569, 47.5018 by changing the saturation by 10% instead.

■ 112.8360, 15.8569,
47.5018

■ 112.8360, 15.8569,
47.5018

■ 255.0000, 0.0000,
0.0000

■ 86.2380, 16.1517,
46.2723

■ 167.1460, 15.7040,
49.8610

■ 59.7650, 16.8779,
46.6871

■ 194.8580, 15.8460,
50.9905

■ 33.8080, 18.3357,
45.7724

■ 214.4970, 19.9680,
35.5211

■ 23.7110, 11.9745,
32.7025

■ 231.5200, 11.5756,
20.5920

■ 14.4400, 6.1921,
20.6621

■ 248.5430, 3.1833,
5.6628

■ 0.0000, 0.0000,
0.0000

■ 112.8360, 15.8569,
47.5018

■ 112.8360, 15.8569,
47.5018

■ 102.4010, 19.0293,
56.6533

■ 123.2710, 12.6844,
38.3503

■ 92.5530, 21.9124,
65.2900

■ 133.1190, 9.8013,
29.7136

■ 82.0040, 24.6480,
74.5415

■ 143.6680, 7.0657,
20.4622

■ 71.5690, 27.8205,
83.6930

■ 154.1030, 3.8932,
11.3107

■ 64.1830, 29.9828,
90.1705


■ 164.5380, 0.7208,
2.1592

■ 174.3860, -2.1623,
-6.4775

■ 184.8210, -5.3348,
-15.6290

■ 195.2560, -8.5072,

-24.7805

 205.2180,
-10.9535, -33.5172

Harmonies

Analogous

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



113.4210, 31.8374, 8.4008



112.8360, 15.8569, 47.5018



108.8480, -2.3901, 66.7853

Triad

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



112.8360, 15.8569, 47.5018



104.8720, -42.8279, 16.7753



93.7350, 31.6826, -82.2056

Complementary

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



112.8360, 15.8569, 47.5018



133.1640, -15.8569, -47.5018

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.



89.7620, 13.9213, -78.7213



112.8360, 15.8569, 47.5018



100.2790, -30.2105, -16.9077

Square

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



112.8360, 15.8569, 47.5018



107.9430, -36.9469, 43.9000



83.8000, -3.8454, -73.4926



93.9920, 45.3599, -82.4310

Rectangle

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



112.8360, 15.8569, 47.5018



108.4060, -15.4832, 66.2959



83.8000, -3.8454, -73.4926



92.9540, 26.1517, -81.5207

Sweetspot

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



112.8360, 15.8569, 47.5018



195.4290, 6.1975, 18.9178



95.6100, 35.1953, 4.7270



96.9890, 3.4564, 11.4106



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.



112.8360, 15.8569, 47.5018



132.7050, 24.7954, 73.9267



107.8200, -3.3623, 51.9009



79.0760, 1.4415, 4.3183



56.9060, 26.6683, 79.8894



7.6900, 3.6038, 10.7959

Inverse Universe

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



112.8360, 15.8569, 47.5018



132.7050, 24.7954, 73.9267



138.1800, 3.3623, -51.9009



79.0760, 1.4415, 4.3183



56.9060, 26.6683, 79.8894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 112.8360, 15.8569, 47.5018 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 112.8360, 15.8569, 47.5018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

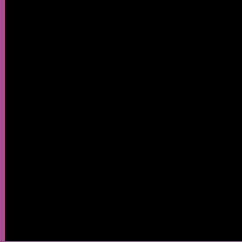
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.8360, 15.8569, 47.5018

Background



This preview shows how black text looks on a background with the YUV color 112.8360, 15.8569, 47.5018.



This preview shows how white text looks on a background with the YUV color 112.8360, 15.8569,

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

112.8360, 15.8569, 47.5018

Protanopia

111.0450, 28.5718, -17.5795

Deuteranopia

112.2350, 13.6881, -3.7141



Tritanopia

112.3260, -7.5557, 43.5641

Trichromacy



Original Color

112.8360, 15.8569, 47.5018

Protanomaly

111.9340, 23.6965, 6.1969

Deuteranomaly

112.2850, 14.6495, 14.6591

Tritanomaly

112.5140, 0.7326, 45.1532

Monochromacy



Original Color

112.8360, 15.8569, 47.5018

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.3040, 5.7661, 17.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8360, 15.8569, 47.5018 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(167, 79, 145)` looks like.

```
.text, #text, p{  
    color:rgb(167, 79, 145)  
}
```

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(167, 79, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 79, 145) }
```

Border

The CSS property to change the border of an element to YUV 112.8360, 15.8569, 47.5018 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(167, 79, 145) }
```


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

```
.border{ border-color:rgb(167, 79, 145) }
```

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

Here you see how a box with a 4 pixel rgb(167, 79, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 79, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 79, 145);  
box-shadow:4px 4px 4px 4px rgb(167, 79,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 112.8360, 15.8569, 47.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 79, 145) }
```

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

```
.background{ background-color: rgb(167, 79,  
145) }
```

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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