

Converting Colors

YUV(114.2420, -47.4473,
5.0498)

Have a look what the booklet for
YUV(114.2420, -47.4473, 5.0498)
contains.

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Color

**YUV(114.2420, -47.4473,
5.0498)**

Conversions

Conversions Part 1

Format	Color
Hex	788212
RGB	120, 130, 18
RGB Percent	47%, 51%, 7%
CMY	0.5294, 0.4902, 0.9294
CMYK	0.08, 0.00, 0.86, 0.49
HSL	65°, 76%, 29%
HSV	65°, 86%, 51%
XYZ	15.8375, 20.0020, 3.5983
YIQ	114.2420, 29.9920, -36.9520

Conversions

Conversions Part 2

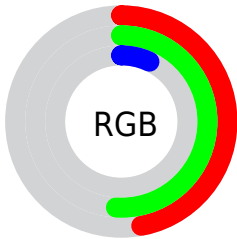
Format	Color
R _Y B	18, 130, 28
Decimal	7897618
CIE Lab	51.84, -17.27, 52.78
CIE LCh	52, 55.537, 108.119
Yxy	20.0020, 0.4016, 0.5072
Android (android.graphics.Color)	4286087698 (0xFF788212)
YUV	114.2420, -47.4473, 5.0498
Hunter-Lab	44.7236, -15.0558, 26.5362

Details

The YUV color **114.2420, -47.4473, 5.0498** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33.7580, 47.4473, -5.0498**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2960, -45.9949, 5.8794**, and **67.8790, -33.4643, 0.1061** is the 20% darker color. If you saturate the color by 10%, you get **112.4610, -52.9783, 5.7347**, and if you desaturate by 10%, it is **116.0230, -41.9163, 4.3648**.

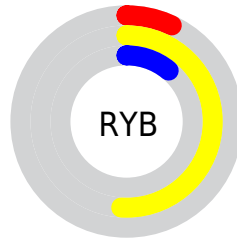
Distribution



Red (47%)

Green (51%)

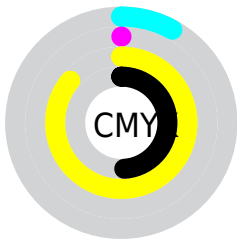
Blue (7%)



Red (7%)

Yellow (51%)

Blue (11%)

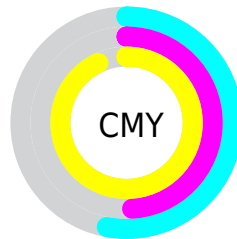


Cyan (8%)

Magenta (0%)

Yellow (86%)

Black (49%)



Cyan (53%)

Magenta (49%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2420, -47.4473, 5.0498 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 114.2420, -47.4473, 5.0498 by changing the saturation by 10% instead.

■ 114.2420,
-47.4473, 5.0498

■ 114.2420,
-47.4473, 5.0498

■ 255.0000, 0.0000,
0.0000

■ 89.4420, -44.0949,
3.1204

■ 168.2960,
-45.9949, 5.8794

■ 67.8790, -33.4643,
0.1061

■ 195.7800,
-46.7265, 7.2089

■ 46.6040, -22.9758,
-4.0377

■ 224.4380,
-48.0369, 7.5089

■ 26.2150, -12.9240,
-8.0816

■ 243.6000,
-43.6798, 9.9978

■ 7.0440, -3.4727,
-6.1776

■ 246.6780,
-31.8863, 7.2984

■ 0.0000, 0.0000,
0.0000

■ 249.9840,

-19.2191, 4.3990

■ 253.1760, -6.9888,
1.5996

■ 114.2420,
-47.4473, 5.0498

■ 114.2420,
-47.4473, 5.0498

■ 112.4610,
-52.9783, 5.7347

■ 116.0230,
-41.9163, 4.3648

■ 111.5920,
-55.0149, 5.6198

■ 117.8040,
-36.3854, 3.6799

■ 119.5850,
-30.8544, 2.9950

■ 121.6650,
-25.4708, 2.9248

■ 123.4460,
-19.9399, 2.2399

■ 125.2270,
-14.4089, 1.5549

■ 127.0080, -8.8779,
0.8700

■ 128.7890, -3.3470,
0.1850

■ 130.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



118.4080, -49.0081, 39.1072



114.2420, -47.4473, 5.0498



107.1020, -25.1933, -39.5545

Triad

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



114.2420, -47.4473, 5.0498



106.0570, 43.3559, -93.0120



123.2900, 10.7030, 67.2747

Complementary

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



114.2420, -47.4473, 5.0498



33.7580, 47.4473, -5.0498

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.



127.3960, 29.8778, 30.3477



114.2420, -47.4473, 5.0498



103.3960, 56.0068, -90.6783

Square

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



114.2420, -47.4473, 5.0498



103.0300, 24.1422, -90.3573



119.9630, 46.3602, -29.7856



119.9220, -11.3005, 78.1214

Rectangle

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



114.2420, -47.4473, 5.0498



94.3320, -4.1077, -82.7292



119.9630, 46.3602, -29.7856



125.2440, 17.1347, 57.6680

Sweetspot

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



114.2420, -47.4473, 5.0498



161.9020, -18.1927, 1.8399



56.7710, -19.1141, 64.2218



80.4380, -11.0619, 1.3699



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



114.2420, -47.4473, 5.0498



144.3630, -71.1710, 7.5746



97.7970, -39.3399, -28.7630



62.9030, -2.9102, 0.0851



109.8200, -54.1413, 5.4199



0.0000, 0.0000, 0.0000

Inverse Universe

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



33.7580, 47.4473, -5.0498



23.6370, 71.1710, -7.5746



50.2030, 39.3399, 28.7630



58.0970, 2.9102, -0.0851



17.8810, 54.2887, -6.0346



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.2420, -47.4473, 5.0498 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 114.2420, -47.4473, 5.0498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

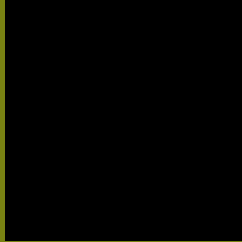
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.2420, -47.4473, 5.0498

Background



This preview shows how black text looks on a background with the YUV color 114.2420, -47.4473, 5.0498.



This preview shows how white text looks on a background with the YUV color 114.2420, -47.4473, 5.0498.

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

114.2420, -47.4473, 5.0498

Protanopia

116.1730, -49.3853, 20.0193

Deuteranopia

118.4010, -45.0607, 32.9743



Tritanopia

124.4180, 2.7519, 4.0184

Trichromacy



Original Color

114.2420, -47.4473, 5.0498

Protanomaly

115.3680, -48.4954, 14.5863

Deuteranomaly

117.1070, -45.9018, 22.7082

Tritanomaly

120.6080, -15.5827, 4.7288

Monochromacy



Original Color

114.2420, -47.4473, 5.0498

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1300, -17.3191, 1.6400

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2420, -47.4473, 5.0498 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(120, 130, 18)` looks like.

```
.text, #text, p{  
    color:rgb(120, 130, 18)  
}
```

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(120, 130, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 130, 18) }
```

Border

The CSS property to change the border of an element to YUV 114.2420, -47.4473, 5.0498 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(120, 130, 18) }
```


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

```
.border{ border-color:rgb(120, 130, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 130, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 130, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 130, 18);  
box-shadow:4px 4px 4px 4px rgb(120, 130,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 114.2420, -47.4473, 5.0498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 130, 18) }
```

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

```
.background{ background-color: rgb(120,  
130, 18) }
```

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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