

Converting Colors

YUV(117.7500, -47.6977,
38.8073)

Have a look what the booklet for
YUV(117.7500, -47.6977, 38.8073)
contains.

YUV(117.7500, -47.6977, 38.8073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.7500, -47.6977,
38.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	A27215
RGB	162, 114, 21
RGB Percent	64%, 45%, 8%
CMY	0.3647, 0.5529, 0.9176
CMYK	0.00, 0.30, 0.87, 0.36
HSL	40°, 77%, 36%
HSV	40°, 87%, 64%
XYZ	21.0530, 19.7702, 3.4159
YIQ	117.7500, 58.4610, -18.7470

Conversions

Conversions Part 2

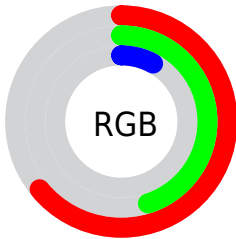
Format	Color
R_{YB}	94, 162, 21
Decimal	10646037
CIE Lab	51.58, 11.25, 53.43
CIE LCh	52, 54.604, 78.113
Yxy	19.7702, 0.4759, 0.4469
Android (android.graphics.Color)	4288836117 (0xFFA27215)
YUV	117.7500, -47.6977, 38.8073
Hunter-Lab	44.4636, 6.7061, 26.5697

Details

The YUV color **117.7500, -47.6977, 38.8073** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **65.2500, 47.6977, -38.8073**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0710, -47.8560, 42.9107**, and **70.4360, -34.7249, 31.1896** is the 20% darker color. If you saturate the color by 10%, you get **112.4040, -52.9502, 43.4957**, and if you desaturate by 10%, it is **123.0960, -42.4453, 34.1188**.

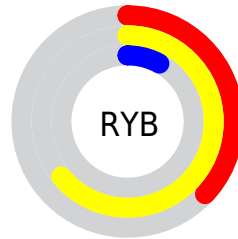
Distribution



Red (64%)

Green (45%)

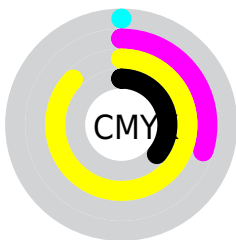
Blue (8%)



Red (37%)

Yellow (64%)

Blue (8%)

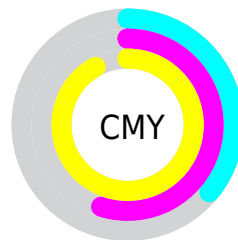


Cyan (0%)

Magenta (30%)

Yellow (87%)

Black (36%)



Cyan (36%)


Magenta (55%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.7500, -47.6977, 38.8073 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 117.7500, -47.6977, 38.8073 by changing the saturation by 10% instead.


 117.7500,
-47.6977, 38.8073

 117.7500,
-47.6977, 38.8073


255.0000, 0.0000,
0.0000


 92.5970, -45.6503,
35.4334


 172.0710,
-47.8560, 42.9107


 70.4360, -34.7249,
31.1896


 199.8540,
-48.7350, 44.8550

 49.1500, -24.2309,
25.3015

 220.4500,
-46.0708, 30.3004

 29.3370, -14.4631,
18.9985

 239.9640,
-42.3803, 13.1866

 8.3720, -4.1274,
17.2138

 246.6780,
-31.8863, 7.2984

 0.0000, 0.0000,
0.0000

 249.8700,

-19.6559, 4.4990

■ 253.1760, -6.9888,
1.5996

■ 117.7500,
-47.6977, 38.8073

■ 117.7500,
-47.6977, 38.8073

■ 112.4040,
-52.9502, 43.4957

■ 123.0960,
-42.4453, 34.1188

■ 111.2470,
-54.8448, 44.5104

■ 127.8550,
-36.9035, 29.9452

■ 133.3150,
-31.2143, 25.1567

■ 138.0740,
-25.6725, 20.9831

■ 143.4200,
-20.4201, 16.2947

■ 148.1790,
-14.8782, 12.1210

■ 153.5250, -9.6258,
7.4326

■ 158.3980, -3.6472,
3.1590

■ 163.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



119.6280, -32.3546, 64.3472



117.7500, -47.6977, 38.8073



113.8830, -46.2843, 5.3646

Triad

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



117.7500, -47.6977, 38.8073



102.3290, 23.9948, -89.7425



126.8690, 29.1516, 29.9329

Complementary

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



117.7500, -47.6977, 38.8073



65.2500, 47.6977, -38.8073

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.



119.1480, 45.7760, -29.0708



117.7500, -47.6977, 38.8073



105.2420, 42.7717, -92.2972

Square

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



117.7500, -47.6977, 38.8073



96.1560, 2.8811, -84.3288



103.0540, 54.6964, -90.3784



122.5780, 10.5610, 66.1451

Rectangle

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



117.7500, -47.6977, 38.8073



110.1490, -33.1045, -22.0557



103.0540, 54.6964, -90.3784



126.2520, 34.8788, 12.9340

Sweetspot

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



117.7500, -47.6977, 38.8073



194.5770, -18.5255, 15.2800



68.7450, 0.6187, 81.7846



96.7810, -11.2310, 8.9621



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



117.7500, -47.6977, 38.8073



145.5680, -71.7650, 58.2609



139.6470, -58.4930, 1.1866



79.2130, -3.0630, 2.4442



99.7070, -49.1556, 39.7220



12.4260, -6.1260, 4.8884

Inverse Universe

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



65.2500, 47.6977, -38.8073



66.4320, 71.7650, -58.2609



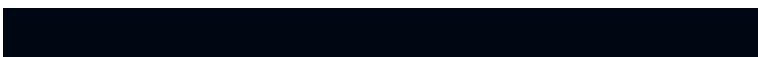
43.3530, 58.4930, -1.1866



75.7870, 3.0630, -2.4442



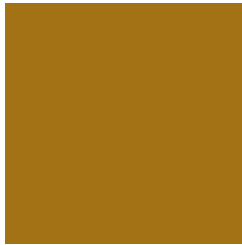
45.2930, 49.1556, -39.7220



5.5740, 6.1260, -4.8884

Previews

White Background



This preview shows how the YUV color 117.7500, -47.6977, 38.8073 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 117.7500, -47.6977, 38.8073 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 117.7500, -47.6977, 38.8073

Background



This preview shows how black text looks on a background with the YUV color 117.7500, -47.6977, 38.8073.



This preview shows how white text looks on a background with the YUV color 117.7500, -47.6977,

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

117.7500, -47.6977, 38.8073

Protanopia

117.0850, -45.8909, 19.2195

Deuteranopia

117.4890, -48.5551, 33.7741



Tritanopia

125.1510, -5.4974, 36.7016

Trichromacy



Original Color

117.7500, -47.6977, 38.8073

Protanomaly

117.0150, -46.3494, 26.2968

Deuteranomaly

117.6140, -48.1237, 35.4185

Tritanomaly

122.4380, -20.9219, 37.3269

Monochromacy



Original Color

117.7500, -47.6977, 38.8073

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2070, -17.3571, 13.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7500, -47.6977, 38.8073 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(162, 114, 21)` looks like.

```
.text, #text, p{  
    color:rgb(162, 114, 21)  
}
```

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(162, 114, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 114, 21) }
```

Border

The CSS property to change the border of an element to YUV 117.7500, -47.6977, 38.8073 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(162, 114, 21) }
```


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

```
.border{ border-color:rgb(162, 114, 21) }
```

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

Here you see how a box with a 4 pixel rgb(162, 114, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 114, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 114, 21);  
box-shadow:4px 4px 4px 4px rgb(162, 114,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 117.7500, -47.6977, 38.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 114, 21) }
```

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

```
.background{ background-color: rgb(162,  
114, 21) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor