

Converting Colors

YUV(111.5210, -23.4279,
47.7781)

Have a look what the booklet for
YUV(111.5210, -23.4279, 47.7781)
contains.

YUV(111.5210, -23.4279, 47.7781)	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(111.5210, -23.4279,
47.7781)**

Conversions

Conversions Part 1

Format	Color
Hex	A65D40
RGB	166, 93, 64
RGB Percent	65%, 36%, 25%
CMY	0.3490, 0.6353, 0.7490
CMYK	0.00, 0.44, 0.61, 0.35
HSL	17°, 44%, 45%
HSV	17°, 61%, 65%
XYZ	20.5656, 16.3059, 6.9139
YIQ	111.5210, 52.8170, 6.4570

Conversions

Conversions Part 2

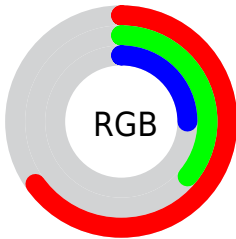
Format	Color
RYB	166, 105, 64
Decimal	10902848
CIELab	47.37, 27.01, 29.47
CIELCh	47, 39.980, 47.495
Yxy	16.3059, 0.4697, 0.3724
Android (android.graphics.Color)	4289092928 (0xFFA65D40)
YUV	111.5210, -23.4279, 47.7781
Hunter-Lab	40.3805, 20.2435, 18.1148

Details

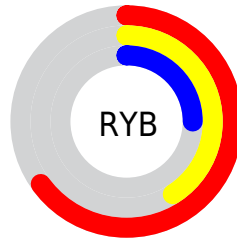
The YUV color **111.5210, -23.4279, 47.7781** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **118.4790, 23.4279, -47.7781**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5710, -25.9175, 52.9962**, and **61.5850, -20.5014, 42.4600** is the 20% darker color. If you saturate the color by 10%, you get **102.5390, -27.3807, 55.6553**, and if you desaturate by 10%, it is **120.5030, -19.4750, 39.9009**.

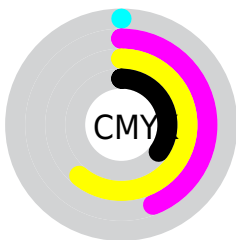
Distribution



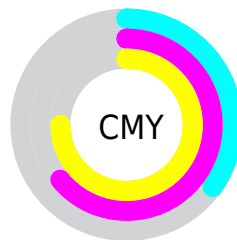
- Red (65%)
- Green (36%)
- Blue (25%)



- Red (65%)
- Yellow (41%)
- Blue (25%)



- Cyan (0%)
- Magenta (44%)
- Yellow (61%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5210, -23.4279, 47.7781 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 111.5210, -23.4279, 47.7781 by changing the saturation by 10% instead.

■ 111.5210,
-23.4279, 47.7781

■ 111.5210,
-23.4279, 47.7781

■ 255.0000, 0.0000,
0.0000

■ 86.4390, -22.4014,
45.2190

■ 164.5710,
-25.9175, 52.9962

■ 61.5850, -20.5014,
42.4600

■ 192.3540,
-26.7965, 54.9405

■ 37.7310, -18.6014,
39.7009

■ 211.8680,
-23.1059, 37.8268

■ 16.4450, -8.1074,
33.8127

■ 231.3820,
-19.4153, 20.7130

■ 8.7850, -3.8380,
17.7286

■ 251.0100,
-15.2879, 3.4992

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,

0.6998

■ 111.5210,
-23.4279, 47.7781

■ 111.5210,
-23.4279, 47.7781

■ 102.5390,
-27.3807, 55.6553

■ 120.5030,
-19.4750, 39.9009

■ 93.6710, -30.8968,
63.4325

■ 129.3710,
-15.9589, 32.1236

■ 84.6890, -34.8497,
71.3097

■ 138.3530,
-12.0060, 24.2464

■ 77.2230, -38.0709,
77.8574

■ 147.2210, -8.4900,
16.4692

■ 155.6160, -4.2477,
9.1068

■ 164.5980, -0.2948,
1.2296

■ 173.4660, 3.2213,
-6.5477

■ 182.4480, 7.1741,
-14.4249

■ 191.3160, 10.6902,
-22.2021

Harmonies

Analogous

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



112.3490, -9.0461, 54.9449



111.5210, -23.4279, 47.7781



110.4080, -32.2461, 29.4602

Triad

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



111.5210, -23.4279, 47.7781



86.1940, 5.3274, -75.5921



111.3700, 32.3556, -17.8645

Complementary

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



111.5210, -23.4279, 47.7781



118.4790, 23.4279, -47.7781

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.



90.7320, 43.0231, -79.5720



111.5210, -23.4279, 47.7781



90.7710, 20.3259, -79.6062

Square

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



111.5210, -23.4279, 47.7781



102.3240, -18.4007, -24.8401



92.9030, 33.5718, -81.4759



116.2240, 20.5956, 20.8516

Rectangle

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



111.5210, -23.4279, 47.7781



108.1950, -32.6341, 13.8610



92.9030, 33.5718, -81.4759



106.7700, 35.6094, -34.8783

Sweetspot

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



111.5210, -23.4279, 47.7781



196.1180, -8.9322, 18.3135



102.8200, 16.8507, 55.4089



96.6980, -5.2741, 11.6659



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.



111.5210, -23.4279, 47.7781



131.1410, -37.0445, 75.2983



141.4580, -38.1868, 21.5233



79.5660, -1.7580, 3.8886



68.9060, -33.9707, 69.3654



9.5020, -4.6845, 9.2067

Inverse Universe

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



118.4790, 23.4279, -47.7781



141.8590, 37.0445, -75.2983



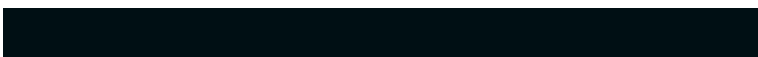
88.5420, 38.1868, -21.5233



80.4340, 1.7580, -3.8886



79.0940, 33.9707, -69.3654



11.0850, 4.3951, -9.7215

Previews

White Background



This preview shows how the YUV color 111.5210, -23.4279, 47.7781 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 111.5210, -23.4279, 47.7781 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 111.5210, -23.4279, 47.7781

Background



This preview shows how black text looks on a background with the YUV color 111.5210, -23.4279, 47.7781.



This preview shows how white text looks on a background with the YUV color 111.5210, -23.4279, 47.7781.

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

111.5210, -23.4279, 47.7781

Protanopia

111.2020, -19.8196, 10.3468

Deuteranopia

111.6120, -24.9517, 23.1423



Tritanopia

113.3050, -9.0244, 47.9675

Trichromacy



Original Color

111.5210, -23.4279, 47.7781

Protanomaly

111.5350, -21.4628, 24.0868

Deuteranomaly

111.7810, -24.5420, 31.7641

Tritanomaly

112.3390, -13.9711, 47.9377

Monochromacy



Original Color

111.5210, -23.4279, 47.7781

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9330, -8.3480, 17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5210, -23.4279, 47.7781 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, 64)` looks like.

```
.text, #text, p{  
    color:rgb(166, 93, 64)  
}
```

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, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 93, 64) }
```

Border

The CSS property to change the border of an element to YUV 111.5210, -23.4279, 47.7781 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, 64) }
```


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

```
.border{ border-color:rgb(166, 93, 64) }
```

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, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 93, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 93, 64);  
box-shadow:4px 4px 4px 4px rgb(166, 93,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 111.5210, -23.4279, 47.7781 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, 64) }
```

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

```
.background{ background-color: rgb(166, 93,  
64) }
```

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