

Converting Colors

YUV(47.5250, -22.9368,
30.2346)

Have a look what the booklet for
YUV(47.5250, -22.9368, 30.2346)
contains.

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Color

**YUV(47.5250, -22.9368,
30.2346)**

Conversions

Conversions Part 1

Format	Color
Hex	522701
RGB	82, 39, 1
RGB Percent	32%, 15%, 0%
CMY	0.6784, 0.8471, 0.9961
CMYK	0.00, 0.52, 0.99, 0.68
HSL	28°, 98%, 16%
HSV	28°, 99%, 32%
XYZ	4.2107, 3.2471, 0.4335
YIQ	47.5250, 37.8260, -2.7020

Conversions

Conversions Part 2

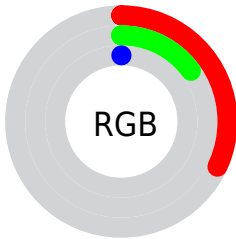
Format	Color
RYB	82, 73, 1
Decimal	5383937
CIELab	21.01, 17.40, 30.02
CIELCh	21, 34.699, 59.895
Yxy	3.2471, 0.5336, 0.4115
Android (android.graphics.Color)	4283574017 (0xFF522701)
YUV	47.5250, -22.9368, 30.2346
Hunter-Lab	18.0196, 10.1760, 11.1873

Details

The YUV color **47.5250, -22.9368, 30.2346** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **35.4750, 22.9368, -30.2346**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.0310, -23.6793, 35.0528**, and **9.8670, -4.8644, 20.2876** is the 20% darker color. If you saturate the color by 10%, you get **46.8240, -23.0842, 30.8494**, and if you desaturate by 10%, it is **50.7850, -20.6000, 27.3756**.

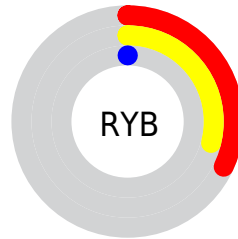
Distribution



Red (32%)

Green (15%)

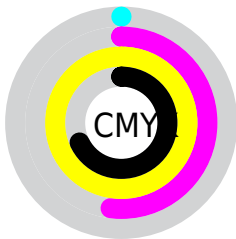
Blue (0%)



Red (32%)

Yellow (29%)

Blue (0%)

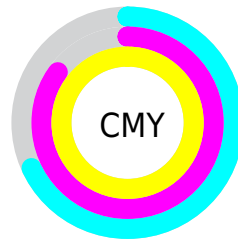


Cyan (0%)

Magenta (52%)

Yellow (99%)

Black (68%)



Cyan (68%)


Magenta (85%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 47.5250, -22.9368, 30.2346 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 47.5250, -22.9368, 30.2346 by changing the saturation by 10% instead.


 47.5250, -22.9368,
30.2346


 47.5250, -22.9368,
30.2346

 251.9220,
-11.7935, 2.6994

 27.3100, -13.4638,
25.1611


 96.0310, -23.6793,
35.0528


 9.8670, -4.8644,
20.2876

 121.1130,
-24.7057, 37.6119

 0.0000, 0.0000,
0.0000


 147.4830,
-25.8741, 39.0414


 174.2660,
-26.7531, 40.9857


 202.0490,
-27.6322, 42.9300


 222.7590,


-24.5312, 28.2754


 242.2730,
-20.8406, 11.1616


 47.5250, -22.9368,
30.2346


 47.5250, -22.9368,
30.2346


 46.8240, -23.0842,
30.8494

 50.7850, -20.6000,
27.3756

 54.6320, -18.5526,
24.0017

 58.0060, -15.7790,
21.0427

 61.2660, -13.4421,
18.1837

 65.1130, -11.3947,
14.8099

■ 68.3730, -9.0579,
11.9509

■ 71.6330, -6.7211,
9.0919

■ 75.5940, -4.2368,
5.6181

■ 78.8540, -1.9000,
2.7590

Harmonies

Analogous

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



47.0330, -9.8763, 41.1901



47.5250, -22.9368, 30.2346



47.6000, -23.4668, 13.5058

Triad

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



47.5250, -22.9368, 30.2346



42.0940, 3.8977, -36.9164



51.0100, 21.6871, -2.6398

Complementary

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



47.5250, -22.9368, 30.2346



35.4750, 22.9368, -30.2346

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.



43.3260, 28.9263, -37.9969



47.5250, -22.9368, 30.2346



44.9440, 14.8176, -39.4159

Square

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



47.5250, -22.9368, 30.2346



37.8420, -7.3171, -33.1874



45.4630, 24.4217, -39.8711



51.1940, 12.7224, 26.1399

Rectangle

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



47.5250, -22.9368, 30.2346



45.7510, -22.5552, 1.0954



45.4630, 24.4217, -39.8711



47.8450, 25.2194, -15.6501

Sweetspot

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



47.5250, -22.9368, 30.2346



93.3730, -9.0579, 11.9509



30.1210, 6.8423, 45.4979



45.2630, -5.5527, 7.6623



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



47.5250, -22.9368, 30.2346



61.3430, -30.2421, 40.0412



71.0050, -34.5125, 9.6426



39.3700, -1.1684, 1.4295



60.1580, -29.6579, 39.3264



133.3510, -65.7420, 86.5152

Inverse Universe

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



35.4750, 22.9368, -30.2346



45.6570, 30.2421, -40.0412



11.9950, 34.5125, -9.6426



38.6300, 1.1684, -1.4295



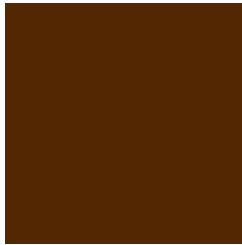
44.8420, 29.6579, -39.3264



98.6490, 65.7420, -86.5152

Previews

White Background



This preview shows how the YUV color 47.5250, -22.9368, 30.2346 looks on a white background.

Color Contrast Check

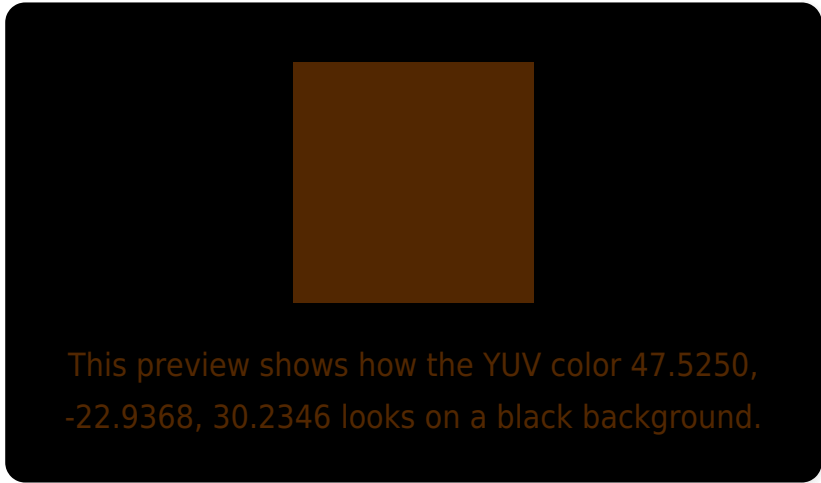
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

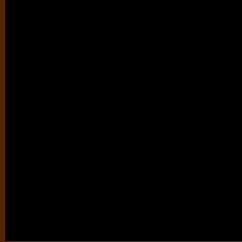
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5250, -22.9368, 30.2346

Background



This preview shows how black text looks on a background with the YUV color 47.5250, -22.9368, 30.2346.



This preview shows how white text looks on a background with the YUV color 47.5250, -22.9368,

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

47.5250, -22.9368, 30.2346

Protanopia

48.6640, -20.5404, 8.1877

Deuteranopia

48.1980, -23.7616, 14.7354



Tritanopia

50.3950, -5.6177, 28.5946

Trichromacy



Original Color

47.5250, -22.9368, 30.2346

Protanomaly

48.1920, -21.2937, 16.4946

Deuteranomaly

47.6440, -23.4885, 20.4832

Tritanomaly

49.3860, -12.0223, 29.4795

Monochromacy



Original Color

47.5250, -22.9368, 30.2346

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8890, -8.3263, 10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5250, -22.9368, 30.2346 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(82, 39, 1)` looks like.

```
.text, #text, p{  
    color:rgb(82, 39, 1)  
}
```

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(82, 39, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 39, 1) }
```

Border

The CSS property to change the border of an element to YUV 47.5250, -22.9368, 30.2346 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(82, 39, 1) }
```


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

```
.border{ border-color:rgb(82, 39, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 39, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 39, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 39, 1); box-shadow:4px  
4px 4px 4px rgb(82, 39, 1) }
```

Background

The CSS property to change the background color of an element to YUV 47.5250, -22.9368, 30.2346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 39, 1) }
```

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

```
.background{ background-color: rgb(82, 39,  
1) }
```

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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