

Converting Colors

YUV(41.3230, -19.8792,
29.5347)

Have a look what the booklet for
YUV(41.3230, -19.8792, 29.5347)
contains.

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Color

**YUV(41.3230, -19.8792,
29.5347)**

Conversions

Conversions Part 1

Format	Color
Hex	4B2001
RGB	75, 32, 1
RGB Percent	29%, 13%, 0%
CMY	0.7059, 0.8745, 0.9961
CMYK	0.00, 0.57, 0.99, 0.71
HSL	25°, 97%, 15%
HSV	25°, 99%, 29%
XYZ	3.4236, 2.5311, 0.3368
YIQ	41.3230, 35.5790, -0.5250

Conversions

Conversions Part 2

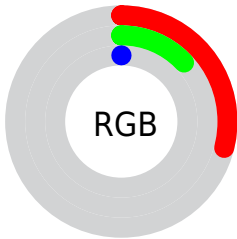
Format	Color
R_{YB}	75, 54, 1
Decimal	4923393
CIE Lab	18.06, 18.32, 26.32
CIE LCh	18, 32.068, 55.153
Yxy	2.5311, 0.5442, 0.4023
Android (android.graphics.Color)	4283113473 (0xFF4B2001)
YUV	41.3230, -19.8792, 29.5347
Hunter-Lab	15.9093, 10.5713, 9.8813

Details

The YUV color **41.3230, -19.8792, 29.5347** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **34.6770, 19.8792, -29.5347**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9430, -20.1849, 34.2530**, and **6.5780, -3.2430, 13.5251** is the 20% darker color. If you saturate the color by 10%, you get **40.6220, -20.0266, 30.1495**, and if you desaturate by 10%, it is **44.4690, -17.9792, 26.7757**.

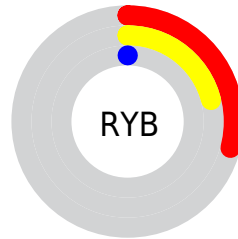
Distribution



Red (29%)

Green (13%)

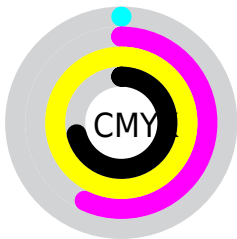
Blue (0%)



Red (29%)

Yellow (21%)

Blue (0%)

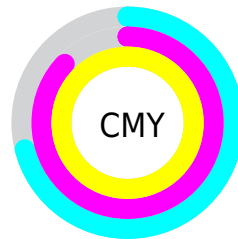


Cyan (0%)

Magenta (57%)

Yellow (99%)

Black (71%)



Cyan (71%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.3230, -19.8792, 29.5347 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 41.3230, -19.8792, 29.5347 by changing the saturation by 10% instead.

■ 41.3230, -19.8792,
29.5347

■ 41.3230, -19.8792,
29.5347

■ 251.8080,
-12.2303, 2.7994

■ 21.1080, -10.4062,
24.4613

■ 88.9430, -20.1849,
34.2530

■ 6.5780, -3.2430,
13.5251

■ 113.6120,
-21.5007, 36.2973

■ 0.0000, 0.0000,
0.0000


■ 140.2810,
-22.8165, 38.3416


■ 166.7650,
-23.5481, 39.6711


■ 194.5480,
-24.4272, 41.6154


■ 217.3620,


-22.3635, 33.0085


 236.8760,
-18.6729, 15.8947


 41.3230, -19.8792,
29.5347


 41.3230, -19.8792,
29.5347


 40.6220, -20.0266,
30.1495

 44.4690, -17.9792,
26.7757

 48.3160, -15.9318,
23.4019

 51.4620, -14.0318,
20.6428

 54.7220, -11.6949,
17.7838

 58.5690, -9.6475,
14.4100

■ 61.7150, -7.7475,
11.6509

■ 65.4480, -6.1369,
8.3771

■ 68.7080, -3.8000,
5.5181

■ 71.9680, -1.4632,
2.6591

Harmonies

Analogous

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



40.9940, -7.3920, 37.7163



41.3230, -19.8792, 29.5347



42.2950, -20.8514, 14.6503

Triad

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



41.3230, -19.8792, 29.5347



36.2580, 1.8448, -31.7983



43.7490, 20.8297, -7.6729

Complementary

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



41.3230, -19.8792, 29.5347



34.6770, 19.8792, -29.5347

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.



38.4360, 25.4211, -33.7084



41.3230, -19.8792, 29.5347



39.4670, 11.6018, -34.6126

Square

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



41.3230, -19.8792, 29.5347



32.3480, -8.0596, -28.3692



40.4590, 20.4797, -35.4825



44.8620, 12.8860, 20.2920

Rectangle

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



41.3230, -19.8792, 29.5347



41.0440, -20.2347, 3.4694



40.4590, 20.4797, -35.4825



39.5730, 24.3675, -22.4275

Sweetspot

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



41.3230, -19.8792, 29.5347



83.7150, -7.7475, 11.6509



28.0280, 7.8742, 41.1944



40.1920, -4.5317, 6.8476



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



41.3230, -19.8792, 29.5347



53.0700, -26.1635, 38.5266



63.0420, -30.5867, 10.4872



36.3700, -1.1684, 1.4295



55.7390, -27.4793, 40.5709



125.1220, -61.6851, 91.9780

Inverse Universe

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



34.6770, 19.8792, -29.5347



43.9300, 26.1635, -38.5266



12.9580, 30.5867, -10.4872



36.2170, 0.8790, -1.9443



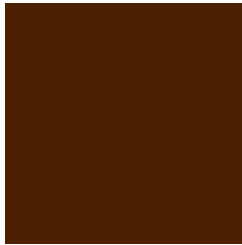
46.2610, 27.4793, -40.5709



104.2910, 61.9745, -91.4632

Previews

White Background



This preview shows how the YUV color 41.3230, -19.8792, 29.5347 looks on a white background.

Color Contrast Check

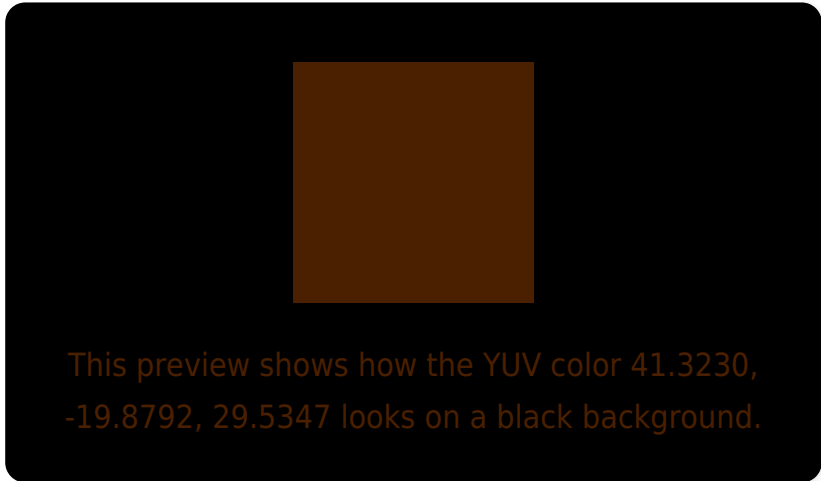
Large Text (above 18pt) WCAG AA ✓ Pass

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

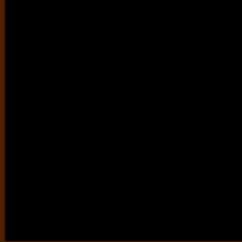
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.3230, -19.8792, 29.5347

Background



This preview shows how black text looks on a background with the YUV color 41.3230, -19.8792, 29.5347.



This preview shows how white text looks on a background with the YUV color 41.3230, -19.8792,

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

41.3230, -19.8792, 29.5347

Protanopia

42.4620, -17.4828, 7.4878

Tritanopia

43.9820, -5.9071, 28.0798

Trichromacy



Original Color

41.3230, -19.8792, 29.5347

Protanomaly

41.9900, -18.2361, 15.7948

Tritanomaly

43.3150, -11.0013, 28.6647

Monochromacy



Original Color

41.3230, -19.8792, 29.5347

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1170, -7.4527, 10.4214

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.3230, -19.8792, 29.5347 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(75, 32, 1)` looks like.

```
.text, #text, p{  
    color:rgb(75, 32, 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(75, 32, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 32, 1) }
```

Border

The CSS property to change the border of an element to YUV 41.3230, -19.8792, 29.5347 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(75, 32, 1) }
```

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

```
.border{ border-color:rgb(75, 32, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 32, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 32, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 32, 1); box-shadow:4px  
4px 4px 4px rgb(75, 32, 1) }
```


Background

The CSS property to change the background color of an element to YUV 41.3230, -19.8792, 29.5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 32, 1) }
```

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

```
.background{ background-color: rgb(75, 32,  
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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