

Converting Colors

YUV(47.3050, 41.2616, 19.0265)

Have a look what the booklet for
YUV(47.3050, 41.2616, 19.0265)
contains.

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Color

**YUV(47.3050, 41.2616,
19.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	451483
RGB	69, 20, 131
RGB Percent	27%, 8%, 51%
CMY	0.7294, 0.9216, 0.4863
CMYK	0.47, 0.85, 0.00, 0.49
HSL	266°, 74%, 30%
HSV	266°, 85%, 51%
XYZ	6.8011, 3.4042, 21.7713
YIQ	47.3050, -6.4270, 44.9090

Conversions

Conversions Part 2

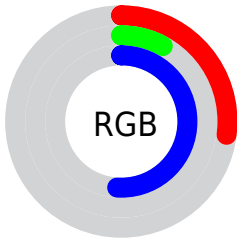
Format	Color
R_{YB}	69, 20, 131
Decimal	4527235
CIE _{Lab}	21.60, 45.53, -52.13
CIE _{LCh}	22, 69.217, 311.134
Yxy	3.4042, 0.2127, 0.1065
Android (android.graphics.Color)	4282717315 (0xFF451483)
YUV	47.3050, 41.2616, 19.0265
Hunter-Lab	18.4505, 33.5094, -57.0460

Details

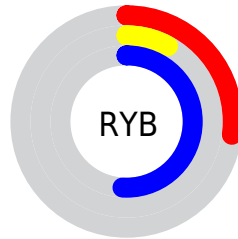
The YUV color **47.3050, 41.2616, 19.0265** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **103.6950, -41.2616, -19.0265**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8430, 41.9824, 21.1857**, and **12.4090, 33.3224, -1.2357** is the 20% darker color. If you saturate the color by 10%, you get **37.5810, 46.0556, 21.4155**, and if you desaturate by 10%, it is **57.0290, 36.4677, 16.6376**.

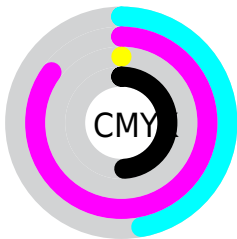
Distribution



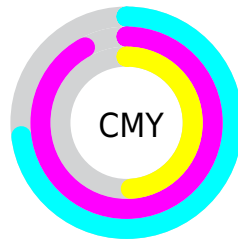
- Red (27%)
- Green (8%)
- Blue (51%)



- Red (27%)
- Yellow (8%)
- Blue (51%)



- Cyan (47%)
- Magenta (85%)
- Yellow (0%)
- Black (49%)



- Cyan (73%)
- Magenta (92%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.3050, 41.2616, 19.0265 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 47.3050, 41.2616, 19.0265 by changing the saturation by 10% instead.

47.3050, 41.2616,
19.0265

47.3050, 41.2616,
19.0265

255.0000, 0.0000,
0.0000

23.9300, 39.9675,
14.0934

99.8430, 41.9824,
21.1857

12.4090, 33.3224,
-1.2357

126.0820, 42.8506,
22.7301

6.3840, 24.4607,
-5.5988

153.0220, 43.8662,
23.6597

5.0500, 14.2723,
-4.4289

178.4370, 37.7456,
26.8038

0.9120, 3.4944,
-0.7998


202.9570, 25.6572,
30.7327


0.0000, 0.0000,
0.0000


224.4760, 15.0483,


26.7695


 241.4990, 6.6560,
11.8404


 47.3050, 41.2616,
19.0265


 47.3050, 41.2616,
19.0265

 37.5810, 46.0556,
21.4155


 57.0290, 36.4677,
16.6376

 32.2760, 48.6709,
22.5599

 67.0520, 31.5264,
14.8634

 76.7760, 26.7324,
12.4744

 86.5000, 21.9385,
10.0855

 97.1100, 16.7078,
7.7965

■ 106.8340, 11.9138,
5.4076

■ 116.5580, 7.1199,
3.0186

■ 126.5810, 2.1786,
1.2445

■ 136.3050, -2.6154,
-1.1445

Harmonies

Analogous

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



49.4820, 52.5134, -43.3957



47.3050, 41.2616, 19.0265



46.2820, 19.5810, 66.4047

Triad

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



47.3050, 41.2616, 19.0265



48.0420, -23.6847, 36.7972



49.1840, 10.7553, -43.1344

Complementary

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



47.3050, 41.2616, 19.0265



103.6950, -41.2616, -19.0265

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.



41.5120, -13.5634, -36.4060



47.3050, 41.2616, 19.0265



46.9250, -23.1340, 0.0658

Square

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



47.3050, 41.2616, 19.0265



36.1790, -17.8362, 74.3880



38.1550, -18.8104, -33.4619



54.7700, 32.1584, -48.0333

Rectangle

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



47.3050, 41.2616, 19.0265



45.8090, 3.5452, 76.4665



38.1550, -18.8104, -33.4619



46.5450, 3.1823, -40.8200

Sweetspot

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



47.3050, 41.2616, 19.0265



138.5830, 15.9816, 7.3817



69.6350, 30.2529, -43.5299



67.2530, 9.7353, 4.1631



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



47.3050, 41.2616, 19.0265



41.9190, 63.6369, 29.0120



63.7500, 33.1542, 52.8392



61.5810, 2.1786, 1.2445



31.8630, 48.3815, 22.0451



0.6410, 1.1630, 0.3148

Inverse Universe

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



60.2570, 10.7193, 62.0416



61.9590, 16.2892, 95.6290



87.2500, -33.1542, -52.8392



62.1360, 0.4260, 3.3887



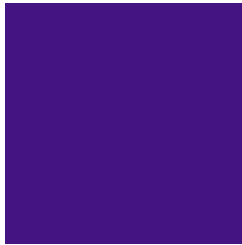
47.1920, 12.7233, 72.6226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 47.3050, 41.2616, 19.0265 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



This preview shows how the YUV color 47.3050, 41.2616, 19.0265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

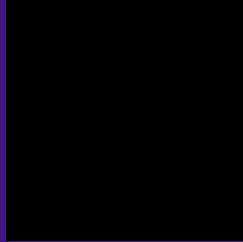
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.3050, 41.2616, 19.0265

Background



This preview shows how black text looks on a background with the YUV color 47.3050, 41.2616, 19.0265.



This preview shows how white text looks on a background with the YUV color 47.3050, 41.2616,

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

47.3050, 41.2616, 19.0265

Protanopia

42.2490, 32.4152, -37.0524

Deuteranopia

42.8870, 24.7057, -37.6119



Tritanopia

52.6730, 2.6262, -2.3442

Trichromacy



Original Color

47.3050, 41.2616, 19.0265

Protanomaly

44.1790, 35.4078, -16.8200

Deuteranomaly

44.3270, 30.8978, -16.9498

Tritanomaly

50.8000, 16.8606, 5.4374

Monochromacy



Original Color

47.3050, 41.2616, 19.0265

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0560, 15.2554, 6.9669

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.3050, 41.2616, 19.0265 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(69, 20, 131)` looks like.

```
.text, #text, p{  
    color:rgb(69, 20, 131)  
}
```

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(69, 20, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 20, 131) }
```

Border

The CSS property to change the border of an element to YUV 47.3050, 41.2616, 19.0265 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(69, 20, 131) }
```


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

```
.border{ border-color:rgb(69, 20, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 20, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 20, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 20, 131);  
box-shadow:4px 4px 4px 4px rgb(69, 20,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 47.3050, 41.2616, 19.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 20, 131) }
```

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

```
.background{ background-color: rgb(69, 20,  
131) }
```

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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