

Converting Colors

YUV(47.3250, 60.9718, -2.9160)

Have a look what the booklet for
YUV(47.3250, 60.9718, -2.9160)
contains.

YUV(47.3250, 60.9718, -2.9160)	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(47.3250, 60.9718,
-2.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	2C19AB
RGB	44, 25, 171
RGB Percent	17%, 10%, 67%
CMY	0.8275, 0.9020, 0.3294
CMYK	0.74, 0.85, 0.00, 0.33
HSL	248°, 74%, 38%
HSV	248°, 85%, 67%
XYZ	8.7370, 4.1710, 38.8727
YIQ	47.3250, -35.5420, 49.4340

Conversions

Conversions Part 2

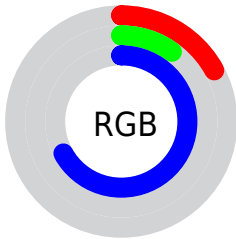
Format	Color
R_{YB}	44, 25, 171
Decimal	2890155
CIE _{Lab}	24.23, 52.25, -72.52
CIE _{LCh}	24, 89.386, 305.774
Yxy	4.1710, 0.1687, 0.0806
Android (android.graphics.Color)	4281080235 (0xFF2C19AB)
YUV	47.3250, 60.9718, -2.9160
Hunter-Lab	20.4230, 40.6223, -98.5548




Details

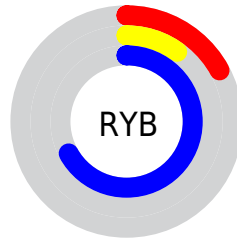
The YUV color **47.3250, 60.9718, -2.9160** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **148.6750, -60.9718, 2.9160**, and the grayscale version is **47.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **103.2060, 61.5234, 6.8353**, and **13.3380, 51.1054, -11.6974** is the 20% darker color. If you saturate the color by 10%, you get **32.8610, 68.1025, -3.3861**, and if you desaturate by 10%, it is **61.7890, 53.8410, -2.4460**.

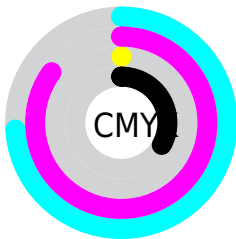
Distribution







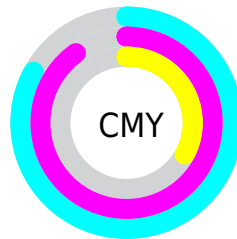
-  Red (17%)
-  Green (10%)
-  Blue (67%)






-  Red (17%)
-  Yellow (10%)
-  Blue (67%)



-  Cyan (74%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (83%)
-  Magenta (90%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.3250, 60.9718, -2.9160 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 47.3250, 60.9718, -2.9160 by changing the saturation by 10% instead.

■ 47.3250, 60.9718,
-2.9160

■ 47.3250, 60.9718,
-2.9160

■ 255.0000, 0.0000,
0.0000

■ 16.4160, 62.8989,
-14.3968

■ 103.2060, 61.5234,
6.8353

■ 13.3380, 51.1054,
-11.6974

■ 130.2280, 61.5126,
10.3240

■ 10.3740, 39.7486,
-9.0980

■ 154.1610, 49.7136,
14.7678

■ 11.7470, 27.2397,
-10.3021

■ 178.9800, 37.4779,
19.3115

■ 6.7770, 18.3509,
-5.9434

■ 204.0980, 25.0947,
24.4701

■ 3.0950, 9.3202,
-2.7143

■ 227.4110, 13.6014,

■ 0.0000, 0.0000,

24.1956

0.0000

244.4340, 5.2090,
9.2664

47.3250, 60.9718,
-2.9160

47.3250, 60.9718,
-2.9160

32.8610, 68.1025,
-3.3861

61.7890, 53.8410,
-2.4460

26.0720, 71.4495,
-3.5711

76.2530, 46.7103,
-1.9759

90.7170, 39.5795,
-1.5058

104.8820, 32.5962,
-1.6505

119.3460, 25.4654,
-1.1804

■ 134.3970, 18.0453,
-1.2252

■ 148.8610, 10.9145,
-0.7551

■ 163.3250, 3.7838,
-0.2850

■ 177.7890, -3.3470,
0.1850

Harmonies

Analogous

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



61.9010, 67.0968, -54.2872



47.3250, 60.9718, -2.9160



54.9700, 29.5948, 74.5713

Triad

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



47.3250, 60.9718, -2.9160



48.4620, -23.8918, 56.5998



54.3530, 7.7140, -47.6676

Complementary

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



47.3250, 60.9718, -2.9160



148.6750, -60.9718, 2.9160

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.



44.6120, -21.9937, -39.1247



47.3250, 60.9718, -2.9160



53.1600, -26.2079, 5.9987

Square

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



47.3250, 60.9718, -2.9160



44.5510, -21.9636, 91.6018



42.2640, -20.8362, -37.0655



62.5780, 36.6900, -54.8809

Rectangle

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



47.3250, 60.9718, -2.9160



55.9340, 7.4275, 91.2659



42.2640, -20.8362, -37.0655



51.0300, -2.4798, -44.7533

Sweetspot

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



47.3250, 60.9718, -2.9160



173.0040, 24.1550, -0.8805



117.3670, 26.4411, -81.0059



82.4850, 14.5509, -0.4253



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



47.3250, 60.9718, -2.9160



33.9790, 92.6944, -4.3666



68.5540, 50.5059, 40.7331



79.3250, 3.7838, -0.2850



23.0800, 62.5716, -2.7012



3.5190, 9.6041, -0.4552

Inverse Universe

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



83.1320, 33.9519, 77.0602



88.3800, 51.5777, 117.1847



127.4460, -50.5059, -40.7331



81.6030, 2.1677, 4.7332



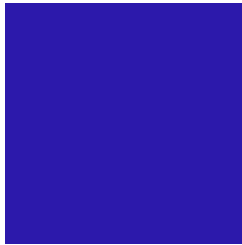
59.7840, 35.1095, 79.1194



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 47.3250, 60.9718, -2.9160 looks on a white background.

Color Contrast Check

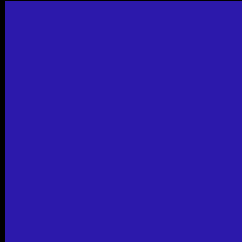
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3250, 60.9718, -2.9160 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 47.3250, 60.9718, -2.9160

Background



This preview shows how black text looks on a background with the YUV color 47.3250, 60.9718, -2.9160.



This preview shows how white text looks on a background with the YUV color 47.3250, 60.9718, -2.9160.

-2.9160.

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

47.3250, 60.9718, -2.9160

Protanopia

46.3240, 35.3363, -40.6261

Deuteranopia

46.6200, 26.3163, -40.8857



Tritanopia

45.9070, 10.8918, -40.2604

Trichromacy



Original Color

47.3250, 60.9718, -2.9160

Protanomaly

46.8170, 44.4602, -27.0265

Deuteranomaly

46.7370, 39.0767, -26.9563

Tritanomaly

46.1040, 29.0357, -26.4012

Monochromacy



Original Color

47.3250, 60.9718, -2.9160

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1350, 22.1184, -0.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.3250, 60.9718, -2.9160 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(44, 25, 171)` looks like.

```
.text, #text, p{  
    color:rgb(44, 25, 171)  
}
```

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(44, 25, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 25, 171) }
```

Border

The CSS property to change the border of an element to YUV 47.3250, 60.9718, -2.9160 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(44, 25, 171) }
```


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

```
.border{ border-color:rgb(44, 25, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 25, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 25, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 25, 171);  
box-shadow:4px 4px 4px 4px rgb(44, 25,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 47.3250, 60.9718, -2.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 25, 171) }
```

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

```
.background{ background-color: rgb(44, 25,  
171) }
```

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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