

Converting Colors

YUV(47.2930, 35.8446,
-16.9200)

Have a look what the booklet for
YUV(47.2930, 35.8446, -16.9200)
contains.

YUV(47.2930, 35.8446, -16.9200)	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(47.2930, 35.8446,
-16.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2B78
RGB	28, 43, 120
RGB Percent	11%, 17%, 47%
CMY	0.8902, 0.8314, 0.5294
CMYK	0.77, 0.64, 0.00, 0.53
HSL	230°, 62%, 29%
HSV	230°, 77%, 47%
XYZ	4.7329, 3.3307, 18.1627
YIQ	47.2930, -33.6570, 20.7670

Conversions

Conversions Part 2

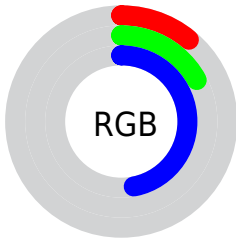
Format	Color
R_{YB}	28, 41, 120
Decimal	1846136
CIE _{Lab}	21.32, 23.08, -45.75
CIE _{LCh}	21, 51.238, 296.770
Yxy	3.3307, 0.1805, 0.1270
Android (android.graphics.Color)	4280036216 (0xFF1C2B78)
YUV	47.2930, 35.8446, -16.9200
Hunter-Lab	18.2502, 14.3536, -46.2307

Details

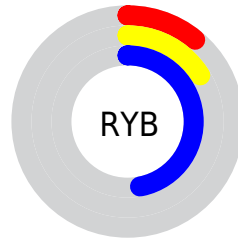
The YUV color **47.2930, 35.8446, -16.9200** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **100.7070, -35.8446, 16.9200**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.3910, 37.2752, -9.1129**, and **8.0940, 31.0127, -7.0984** is the 20% darker color. If you saturate the color by 10%, you get **37.8350, 40.5073, -19.1493**, and if you desaturate by 10%, it is **56.7510, 31.1818, -14.6906**.

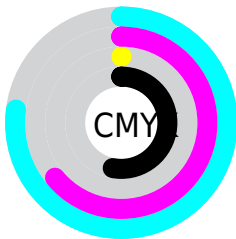
Distribution



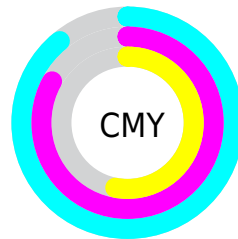
- Red (11%)
- Green (17%)
- Blue (47%)



- Red (11%)
- Yellow (16%)
- Blue (47%)



- Cyan (77%)
- Magenta (64%)
- Yellow (0%)
- Black (53%)



- Cyan (89%)
- Magenta (83%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.2930, 35.8446, -16.9200 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 47.2930, 35.8446, -16.9200 by changing the saturation by 10% instead.

■ 47.2930, 35.8446,
-16.9200

■ 47.2930, 35.8446,
-16.9200

■ 255.0000, 0.0000,
0.0000

■ 24.3310, 34.8398,
-21.3383

■ 97.3910, 37.2752,
-9.1129

■ 8.0940, 31.0127,
-7.0984

■ 123.3310, 38.2908,
-8.1833

■ 7.7060, 19.3719,
-6.7582

■ 149.5700, 39.1590,
-6.6389

■ 3.4370, 10.6306,
-3.0142

■ 176.1680, 38.8642,
-5.4093

■ 0.0000, 0.0000,
0.0000

■ 200.9760, 26.6338,
-2.6100

■ 225.4960, 14.5455,

1.3190

250.8910, 2.0257,
3.6036

47.2930, 35.8446,
-16.9200

47.2930, 35.8446,
-16.9200

37.8350, 40.5073,
-19.1493

56.7510, 31.1818,
-14.6906

28.3770, 45.1701,
-21.3786

66.2090, 26.5190,
-12.4613

25.4200, 46.6279,
-22.2933

75.6670, 21.8562,
-10.2320

85.1250, 17.1934,
-8.0026

94.5830, 12.5306,
-5.7733

■ 104.0410, 7.8678,
-3.5440

■ 113.4990, 3.2050,
-1.3146

■ 122.9570, -1.4578,
0.9147

■ 132.4150, -6.1206,
3.1440

Harmonies

Analogous

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



48.6380, 39.1255, -42.6555



47.2930, 35.8446, -16.9200



46.6160, 22.8673, 38.9248

Triad

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



47.2930, 35.8446, -16.9200



46.0150, -22.6854, 42.9598



43.9860, 0.9929, -38.5757

Complementary

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



47.2930, 35.8446, -16.9200



100.7070, -35.8446, 16.9200

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.



37.6820, -18.0842, -33.0471



47.2930, 35.8446, -16.9200



48.5080, -23.9144, 17.0945

Square

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



47.2930, 35.8446, -16.9200



35.7680, -7.7736, 66.8555



43.6030, -21.4963, -11.9298



48.4320, 18.0280, -42.4749

Rectangle

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



47.2930, 35.8446, -16.9200



40.2720, 14.6559, 59.3975



43.6030, -21.4963, -11.9298



41.8030, -4.8329, -36.6612

Sweetspot

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



47.2930, 35.8446, -16.9200



127.6260, 13.9884, -6.6880



90.7820, 7.0095, -55.0598



61.8560, 8.4520, -4.2587



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



47.2930, 35.8446, -16.9200



42.5040, 55.9535, -26.7520



47.7570, 35.6158, 9.8601



56.2710, 2.3314, -1.1147



25.9900, 48.8119, -22.7932



52.7950, 98.2081, -46.3012

Inverse Universe

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



57.2180, -7.0095, 55.0598



57.7920, -10.7435, 86.1284



100.2430, -35.6158, -9.8601



56.9080, -0.4476, 3.5887



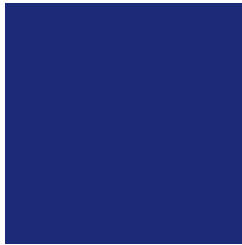
39.6550, -9.6899, 74.8476



80.0220, -19.2378, 150.8247

Previews

White Background



This preview shows how the YUV color 47.2930, 35.8446, -16.9200 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 47.2930, 35.8446, -16.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

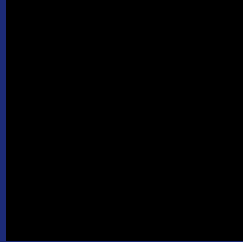
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.2930, 35.8446, -16.9200

Background



This preview shows how black text looks on a background with the YUV color 47.2930, 35.8446, -16.9200.



This preview shows how white text looks on a background with the YUV color 47.2930, 35.8446,

-16.9200.

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

47.2930, 35.8446, -16.9200

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.3710, 23.9741, -36.2824



Tritanopia

40.4130, 10.1494, -35.4422

Trichromacy



Original Color

47.2930, 35.8446, -16.9200

Protanomaly

43.1190, 32.9723, -29.0454

Deuteranomaly

43.2670, 28.4624, -29.1752

Tritanomaly

42.8620, 19.2950, -28.8200

Monochromacy



Original Color

47.2930, 35.8446, -16.9200

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3980, 13.1148, -6.4880

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2930, 35.8446, -16.9200 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(28, 43, 120)` looks like.

```
.text, #text, p{  
    color:rgb(28, 43, 120)  
}
```

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(28, 43, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 43, 120) }
```

Border

The CSS property to change the border of an element to YUV 47.2930, 35.8446, -16.9200 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(28, 43, 120) }
```


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

```
.border{ border-color:rgb(28, 43, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 43, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 43, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 43, 120);  
box-shadow:4px 4px 4px 4px rgb(28, 43,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 47.2930, 35.8446, -16.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 43, 120) }
```

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

```
.background{ background-color: rgb(28, 43,  
120) }
```

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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