

Converting Colors

YUV(48.2920, 77.7500,
-17.7961)

Have a look what the booklet for
YUV(48.2920, 77.7500, -17.7961)
contains.

YUV(48.2920, 77.7500, -17.7961)	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(48.2920, 77.7500,
-17.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	1C1CCE
RGB	28, 28, 206
RGB Percent	11%, 11%, 81%
CMY	0.8902, 0.8902, 0.1922
CMYK	0.86, 0.86, 0.00, 0.19
HSL	240°, 76%, 46%
HSV	240°, 86%, 81%
XYZ	12.0347, 5.5336, 58.8263
YIQ	48.2920, -57.1380, 55.3580

Conversions

Conversions Part 2

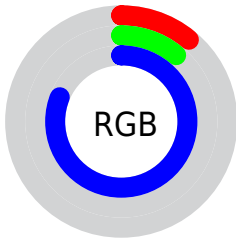
Format	Color
R_{YB}	28, 28, 206
Decimal	1842382
CIE _{Lab}	28.20, 60.54, -86.68
CIE _{LCh}	28, 105.727, 304.932
Yxy	5.5336, 0.1575, 0.0724
Android (android.graphics.Color)	4280032462 (0xFF1C1CCE)
YUV	48.2920, 77.7500, -17.7961
Hunter-Lab	23.5236, 50.1544, -131.8019

Details

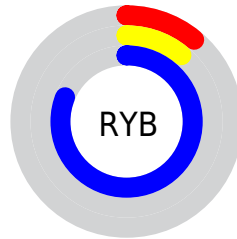
The YUV color **48.2920, 77.7500, -17.7961** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **185.7080, -77.7500, 17.7961**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9310, 72.0120, 2.6915**, and **17.1000, 65.5197, -14.9967** is the 20% darker color. If you saturate the color by 10%, you get **29.6860, 86.9228, -19.8956**, and if you desaturate by 10%, it is **66.8980, 68.5773, -15.6965**.

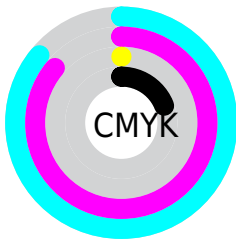
Distribution



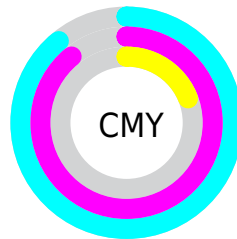
- Red (11%)
- Green (11%)
- Blue (81%)



- Red (11%)
- Yellow (11%)
- Blue (81%)



- Cyan (86%)
- Magenta (86%)
- Yellow (0%)
- Black (19%)



- Cyan (89%)
- Magenta (89%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.2920, 77.7500, -17.7961 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 48.2920, 77.7500, -17.7961 by changing the saturation by 10% instead.

■ 48.2920, 77.7500,
-17.7961

■ 48.2920, 77.7500,
-17.7961

■ 255.0000, 0.0000,
0.0000

■ 20.2920, 77.7500,
-17.7961

■ 108.9310, 72.0120,
2.6915

■ 17.1000, 65.5197,
-14.9967

■ 134.0600, 59.6234,
9.5944

■ 14.0220, 53.7262,
-12.2973

■ 158.8900, 47.3822,
15.8825

■ 15.7540, 40.0543,
-13.8163

■ 184.0080, 34.9991,
21.0410

■ 12.9040, 29.1343,
-11.3168

■ 209.7130, 22.3265,
25.6847


■ 7.9340, 20.2455,
-6.9581


■ 230.9330, 11.8650,


■ 3.6650, 11.5042,


21.1068


-3.2142


 247.9560, 3.4727,
6.1776


 0.0000, 0.0000,
0.0000


 48.2920, 77.7500,
-17.7961


 48.2920, 77.7500,
-17.7961

 29.6860, 86.9228,
-19.8956


 66.8980, 68.5773,
-15.6965

 23.4840, 89.9804,
-20.5955

 84.6180, 59.8413,
-13.6970

 103.2240, 50.6686,
-11.5974

 120.9440, 41.9326,
-9.5979

 139.5500, 32.7599,
-7.4983

■ 158.1560, 23.5871,
-5.3988

■ 175.8760, 14.8511,
-3.3993

■ 194.4820, 5.6784,
-1.2997

■ 212.2020, -3.0576,
0.6998

Harmonies

Analogous

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



73.5050, 81.0960, -64.4639



48.2920, 77.7500, -17.7961



64.7680, 36.1034, 87.0265

Triad

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



48.2920, 77.7500, -17.7961



52.6810, -25.9717, 70.4398



62.4230, 8.1725, -54.7450

Complementary

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



48.2920, 77.7500, -17.7961



185.7080, -77.7500, 17.7961

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.



51.6560, -25.4664, -45.3023



48.2920, 77.7500, -17.7961



61.7320, -30.4339, 8.1280

Square

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



48.2920, 77.7500, -17.7961



52.9230, -26.0910, 108.8155



49.3080, -24.3088, -43.2431



72.9450, 43.4111, -63.9728

Rectangle

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



48.2920, 77.7500, -17.7961



66.2010, 9.2679, 107.6947



49.3080, -24.3088, -43.2431



58.5300, -4.2053, -51.3308

Sweetspot

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



48.2920, 77.7500, -17.7961



196.5240, 28.8287, -6.5985



152.7780, 26.2384, -109.4303



92.5600, 17.4719, -3.9991



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



48.2920, 77.7500, -17.7961



29.0700, 111.3835, -25.4944



74.9030, 64.6308, 36.9191



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Inverse Universe

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



101.5140, 51.5116, 91.6342



105.3150, 73.7947, 131.2737



159.0970, -64.6308, -36.9191



96.1300, 2.8939, 5.1480



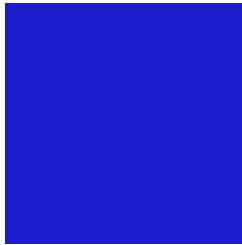
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 48.2920, 77.7500, -17.7961 looks on a white background.

Color Contrast Check

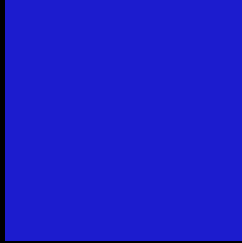
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.2920, 77.7500, -17.7961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

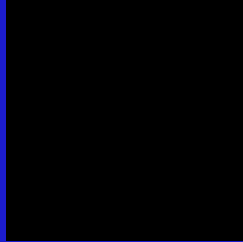
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.2920, 77.7500, -17.7961

Background



This preview shows how black text looks on a background with the YUV color 48.2920, 77.7500, -17.7961.



This preview shows how white text looks on a background with the YUV color 48.2920, 77.7500, -17.7961.

-17.7961.

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

48.2920, 77.7500, -17.7961

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

53.6130, 30.2638, -47.0186



Tritanopia

52.3300, 12.6553, -45.8934

Trichromacy



Original Color

48.2920, 77.7500, -17.7961

Protanomaly

51.2810, 54.0915, -36.2034

Deuteranomaly

51.5600, 47.5449, -36.4481

Tritanomaly

50.6990, 36.6304, -35.6930

Monochromacy



Original Color

48.2920, 77.7500, -17.7961

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2960, 27.9551, -6.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.2920, 77.7500, -17.7961 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, 28, 206)` looks like.

```
.text, #text, p{  
    color:rgb(28, 28, 206)  
}
```

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, 28, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 28, 206) }
```

Border

The CSS property to change the border of an element to YUV 48.2920, 77.7500, -17.7961 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, 28, 206) }
```


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

```
.border{ border-color:rgb(28, 28, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 28, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 28, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 28, 206);  
box-shadow:4px 4px 4px 4px rgb(28, 28,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 48.2920, 77.7500, -17.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 28, 206) }
```

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

```
.background{ background-color: rgb(28, 28,  
206) }
```

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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