

Converting Colors

YUV(52.2400, 69.8877,
-15.9965)

Have a look what the booklet for
YUV(52.2400, 69.8877, -15.9965)
contains.

YUV(52.2400, 69.8877, -15.9965)	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>	30

Color

**YUV(52.2400, 69.8877,
-15.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	2222C2
RGB	34, 34, 194
RGB Percent	13%, 13%, 76%
CMY	0.8667, 0.8667, 0.2392
CMYK	0.82, 0.82, 0.00, 0.24
HSL	240°, 70%, 45%
HSV	240°, 82%, 76%
XYZ	10.9693, 5.3792, 51.4991
YIQ	52.2400, -51.3600, 49.7600

Conversions

Conversions Part 2

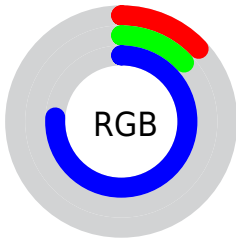
Format	Color
RYB	34, 34, 194
Decimal	2237122
CIELab	27.79, 54.69, -80.33
CIELCh	28, 97.179, 304.248
Yxy	5.3792, 0.1617, 0.0793
Android (android.graphics.Color)	4280427202 (0xFF2222C2)
YUV	52.2400, 69.8877, -15.9965
Hunter-Lab	23.1931, 43.8350, -115.4155

Details

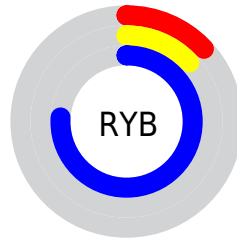
The YUV color **52.2400, 69.8877, -15.9965** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **175.7600, -69.8877, 15.9965**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6380, 69.6915, 0.3175**, and **15.8460, 60.7149, -13.8969** is the 20% darker color. If you saturate the color by 10%, you get **35.4060, 78.1868, -17.8961**, and if you desaturate by 10%, it is **69.0740, 61.5885, -14.0969**.

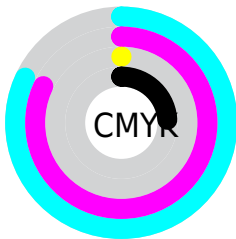
Distribution



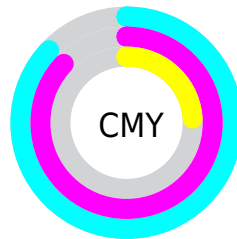
- Red (13%)
- Green (13%)
- Blue (76%)



- Red (13%)
- Yellow (13%)
- Blue (76%)



- Cyan (82%)
- Magenta (82%)
- Yellow (0%)
- Black (24%)



- Cyan (87%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2400, 69.8877, -15.9965 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 52.2400, 69.8877, -15.9965 by changing the saturation by 10% instead.

■ 52.2400, 69.8877,
-15.9965

■ 52.2400, 69.8877,
-15.9965

■ 255.0000, 0.0000,
0.0000

■ 23.0330, 70.4827,
-20.1999

■ 110.6380, 69.6915,
0.3175

■ 15.8460, 60.7149,
-13.8969

■ 135.8100, 58.7607,
6.3056

■ 12.7680, 48.9214,
-11.1975

■ 160.3410, 46.6669,
11.9789

■ 16.3750, 34.8181,
-14.3609

■ 185.4590, 34.2837,
17.1375

■ 10.5900, 25.3451,
-9.2874

■ 210.2780, 22.0479,
21.6812


■ 6.2070, 16.1669,
-5.4435

■ 232.6940, 10.9969,

■ 2.5250, 7.1362,


19.5624


-2.2144


 249.7170, 2.6045,
4.6332


 0.0000, 0.0000,
0.0000


 52.2400, 69.8877,
-15.9965


 52.2400, 69.8877,
-15.9965


 35.4060, 78.1868,
-17.8961


 69.0740, 61.5885,
-14.0969

 22.1160, 84.7388,
-19.3957

 86.7940, 52.8526,
-12.0973

 103.6280, 44.5534,
-10.1978

 121.3480, 35.8174,
-8.1982

 138.1820, 27.5183,
-6.2986

■ 155.0160, 19.2191,
-4.3990

■ 172.7360, 10.4832,
-2.3995

■ 189.5700, 2.1840,
-0.4999

■ 207.2900, -6.5520,
1.4997

Harmonies

Analogous

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



70.5070, 74.6860, -61.8346



52.2400, 69.8877, -15.9965



61.5070, 35.2460, 81.9934

Triad

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



52.2400, 69.8877, -15.9965



53.8330, -26.5397, 65.9215



60.2060, 7.2934, -52.8007

Complementary

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



52.2400, 69.8877, -15.9965



175.7600, -69.8877, 15.9965

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.



50.4820, -24.8876, -44.2727



52.2400, 69.8877, -15.9965



60.8570, -30.0025, 9.7724

Square

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



52.2400, 69.8877, -15.9965



50.5310, -24.9118, 103.8973



47.5470, -23.4407, -41.6987



70.5170, 39.1851, -61.8434

Rectangle

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



52.2400, 69.8877, -15.9965



63.0970, 10.3052, 101.6469



47.5470, -23.4407, -41.6987



57.2420, -4.0633, -50.2012

Sweetspot

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



52.2400, 69.8877, -15.9965



196.1820, 27.5183, -6.2986



146.1600, 23.5851, -98.3643



93.4460, 17.0351, -3.8991



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.



52.2400, 69.8877, -15.9965



31.3860, 108.7627, -24.8945



76.1600, 58.0951, 33.1857



88.1400, 4.3680, -0.9998



18.3540, 70.3245, -16.0965



3.7620, 14.4143, -3.2993

Inverse Universe

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



100.0800, 46.3026, 82.3678



105.8370, 72.0584, 128.1850



151.8400, -58.0951, -33.1857



91.1300, 2.8939, 5.1480



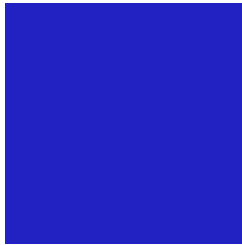
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 52.2400, 69.8877, -15.9965 looks on a white background.

Color Contrast Check

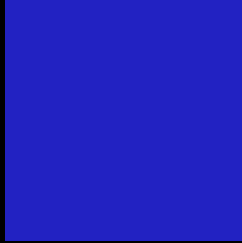
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.2400, 69.8877, -15.9965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

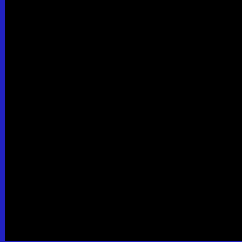
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.2400, 69.8877, -15.9965

Background



This preview shows how black text looks on a background with the YUV color 52.2400, 69.8877, -15.9965.



This preview shows how white text looks on a background with the YUV color 52.2400, 69.8877, -15.9965.

-15.9965.

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

52.2400, 69.8877, -15.9965

Protanopia

52.1430, 39.8625, -45.7294

Deuteranopia

52.7980, 29.6796, -46.3038

Trichromacy



Original Color

52.2400, 69.8877, -15.9965

Protanomaly

51.7820, 50.8865, -34.8888

Deuteranomaly

52.6480, 44.0505, -35.6483

Monochromacy



Original Color

52.2400, 69.8877, -15.9965

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.7260, 25.7711, -5.8987

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2400, 69.8877, -15.9965 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(34, 34, 194)` looks like.

```
.text, #text, p{  
    color:rgb(34, 34, 194)  
}
```

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(34, 34, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 34, 194) }
```

Border

The CSS property to change the border of an element to YUV 52.2400, 69.8877, -15.9965 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(34, 34, 194) }
```

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

```
.border{ border-color:rgb(34, 34, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 34, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 34, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 34, 194);  
box-shadow:4px 4px 4px 4px rgb(34, 34,  
194) }
```


Background

The CSS property to change the background color of an element to YUV 52.2400, 69.8877, -15.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 34, 194) }
```

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

```
.background{ background-color: rgb(34, 34,  
194) }
```

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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