

Converting Colors

YUV(50.4200, -16.9691,
29.4497)

Have a look what the booklet for
YUV(50.4200, -16.9691, 29.4497)
contains.

YUV(50.4200, -16.9691, 29.4497)	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(50.4200, -16.9691,
29.4497)**

Conversions

Conversions Part 1

Format	Color
Hex	542810
RGB	84, 40, 16
RGB Percent	33%, 16%, 6%
CMY	0.6706, 0.8431, 0.9373
CMYK	0.00, 0.52, 0.81, 0.67
HSL	21°, 68%, 20%
HSV	21°, 81%, 33%
XYZ	4.5085, 3.4398, 0.9165
YIQ	50.4200, 33.9280, 1.8640

Conversions

Conversions Part 2

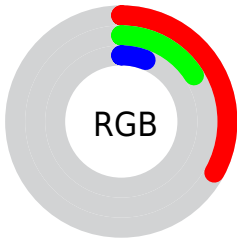
Format	Color
RYB	84, 53, 16
Decimal	5515280
CIELab	21.73, 18.38, 24.35
CIELCh	22, 30.510, 52.944
Yxy	3.4398, 0.5086, 0.3880
Android (android.graphics.Color)	4283705360 (0xFF542810)
YUV	50.4200, -16.9691, 29.4497
Hunter-Lab	18.5467, 10.9343, 10.0527

Details

The YUV color **50.4200, -16.9691, 29.4497** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **49.5800, 16.9691, -29.4497**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.1710, -19.3113, 34.0530**, and **10.7640, -5.3067, 22.1320** is the 20% darker color. If you saturate the color by 10%, you get **46.5730, -19.0165, 32.8235**, and if you desaturate by 10%, it is **54.2670, -14.9216, 26.0758**.

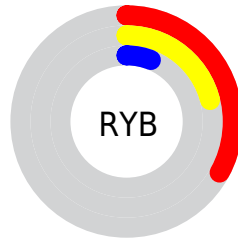
Distribution



Red (33%)

Green (16%)

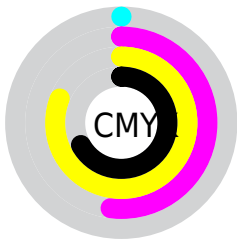
Blue (6%)



Red (33%)

Yellow (21%)

Blue (6%)

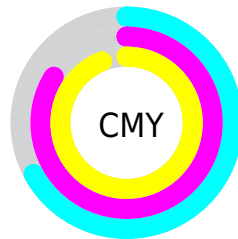


Cyan (0%)

Magenta (52%)

Yellow (81%)

Black (67%)



Cyan (67%)


Magenta (84%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 50.4200, -16.9691, 29.4497 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 50.4200, -16.9691, 29.4497 by changing the saturation by 10% instead.


 50.4200, -16.9691,
29.4497

 50.4200, -16.9691,
29.4497

 253.5180, -5.6784,
1.2997


 28.7940, -14.1954,
26.4907

 98.1710, -19.3113,
34.0530

 10.7640, -5.3067,
22.1320

 123.9540,
-20.1903, 35.9973

 0.0000, 0.0000,
0.0000

 149.7370,
-21.0693, 37.9417

 176.5200,
-21.9484, 39.8860

 205.0040,
-22.6800, 41.2155

 224.8280,

-19.1422, 26.4608

■ 244.9290,
-15.7410, 8.8323

■ 50.4200, -16.9691,
29.4497

■ 50.4200, -16.9691,
29.4497

■ 46.5730, -19.0165,
32.8235

■ 54.2670, -14.9216,
26.0758

■ 42.7260, -21.0639,
36.1973

■ 58.8150, -12.7268,
22.0872

■ 62.6620, -10.6794,
18.7134

■ 67.2100, -8.4845,
14.7248

■ 71.0570, -6.4371,
11.3510

■ 75.4910, -4.6791,
7.4624

■ 79.4520, -2.1948,
3.9886

■ 83.2990, -0.1474,
0.6148

■ 87.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



50.3960, -7.0972, 36.4867



50.4200, -16.9691, 29.4497



49.2090, -23.7670, 16.4797

Triad

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



50.4200, -16.9691, 29.4497



41.6380, 2.1505, -36.5165



51.4500, 20.9772, -8.2876

Complementary

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



50.4200, -16.9691, 29.4497



49.5800, 16.9691, -29.4497

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.



43.9300, 26.1635, -38.5266



50.4200, -16.9691, 29.4497



44.8470, 11.9074, -39.3308

Square

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



50.4200, -16.9691, 29.4497



42.6260, -9.6756, -23.3510



45.8390, 20.7854, -40.2008



53.5520, 13.0389, 17.9329

Rectangle

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



50.4200, -16.9691, 29.4497



48.2570, -23.2977, 5.9136



45.8390, 20.7854, -40.2008



48.0570, 23.6359, -21.0980

Sweetspot

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



50.4200, -16.9691, 29.4497



96.9430, -6.8739, 11.4510



41.3480, 9.1954, 37.4058



48.3060, -4.0949, 6.7476



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



50.4200, -16.9691, 29.4497



57.2990, -26.7694, 46.2188



70.3780, -26.8084, 11.9465



38.7830, -0.8790, 1.9443



53.1140, -26.1852, 45.5040



117.5020, -57.9285, 100.4147

Inverse Universe

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



49.5800, 16.9691, -29.4497



55.7010, 26.7694, -46.2188



29.6220, 26.8084, -11.9465



38.6300, 1.1684, -1.4295



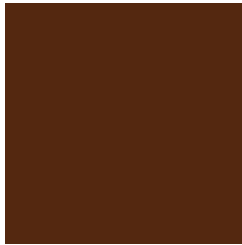
51.8860, 26.1852, -45.5040



114.4980, 57.9285, -100.4147

Previews

White Background



This preview shows how the YUV color 50.4200, -16.9691, 29.4497 looks on a white background.

Color Contrast Check

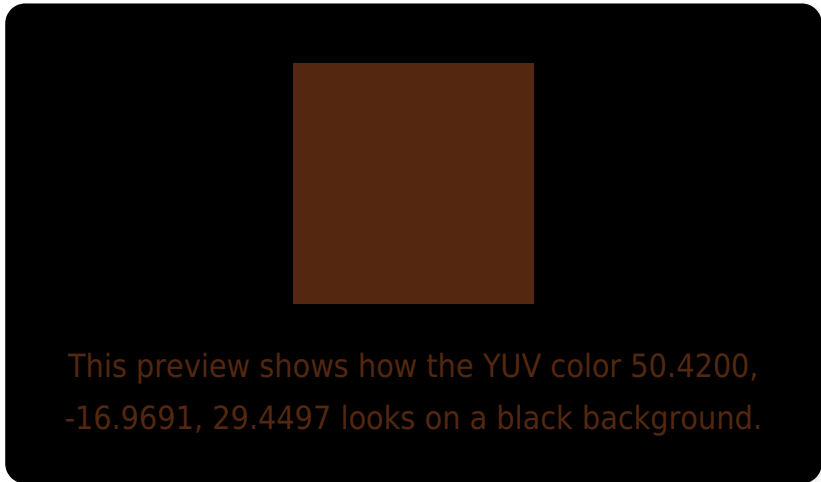
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

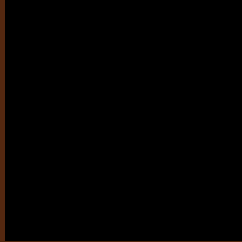
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4200, -16.9691, 29.4497

Background



This preview shows how black text looks on a background with the YUV color 50.4200, -16.9691, 29.4497.



This preview shows how white text looks on a background with the YUV color 50.4200, -16.9691,

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

50.4200, -16.9691, 29.4497

Protanopia

50.9180, -15.7356, 7.0879

Deuteranopia

50.7510, -19.1042, 14.2504



Tritanopia

52.2810, -6.0545, 28.6946

Trichromacy



Original Color

50.4200, -16.9691, 29.4497

Protanomaly

50.5600, -16.0521, 15.2949

Deuteranomaly

50.3110, -18.3943, 19.8983

Tritanomaly

51.8420, -10.2751, 29.0796

Monochromacy



Original Color

50.4200, -16.9691, 29.4497

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8720, -5.8529, 10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4200, -16.9691, 29.4497 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(84, 40, 16)` looks like.

```
.text, #text, p{  
    color:rgb(84, 40, 16)  
}
```

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(84, 40, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 40, 16) }
```

Border

The CSS property to change the border of an element to YUV 50.4200, -16.9691, 29.4497 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(84, 40, 16) }
```


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

```
.border{ border-color:rgb(84, 40, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 40, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 40, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 40, 16);  
box-shadow:4px 4px 4px 4px rgb(84, 40, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4200, -16.9691, 29.4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 40, 16) }
```

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

```
.background{ background-color: rgb(84, 40,  
16) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor