

Converting Colors

YUV(49.2090, 33.4210, 13.8487)

Have a look what the booklet for
YUV(49.2090, 33.4210, 13.8487)
contains.

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Color

**YUV(49.2090, 33.4210,
13.8487)**

Conversions

Conversions Part 1

Format	Color
Hex	411C75
RGB	65, 28, 117
RGB Percent	25%, 11%, 46%
CMY	0.7451, 0.8902, 0.5412
CMYK	0.44, 0.76, 0.00, 0.54
HSL	265°, 61%, 28%
HSV	265°, 76%, 46%
XYZ	5.8061, 3.2387, 17.1487
YIQ	49.2090, -6.5170, 35.5230

Conversions

Conversions Part 2

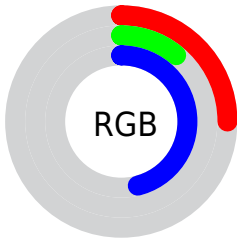
Format	Color
R_{YB}	65, 28, 117
Decimal	4267125
CIE _{Lab}	20.98, 37.54, -44.26
CIE _{LCh}	21, 58.034, 310.306
Yxy	3.2387, 0.2217, 0.1236
Android (android.graphics.Color)	4282457205 (0xFF411C75)
YUV	49.2090, 33.4210, 13.8487
Hunter-Lab	17.9963, 26.0954, -43.9001

Details

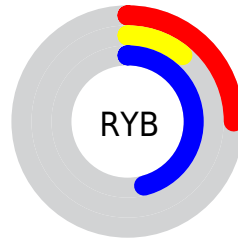
The YUV color **49.2090, 33.4210, 13.8487** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **95.7910, -33.4210, -13.8487**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.2740, 34.8679, 16.4227**, and **12.2370, 27.4912, 2.4232** is the 20% darker color. If you saturate the color by 10%, you get **40.0720, 37.9255, 15.7229**, and if you desaturate by 10%, it is **58.3460, 28.9164, 11.9746**.

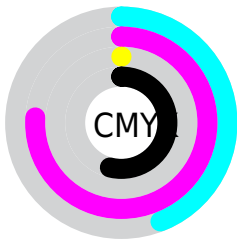
Distribution



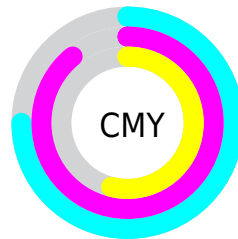
- Red (25%)
- Green (11%)
- Blue (46%)



- Red (25%)
- Yellow (11%)
- Blue (46%)



- Cyan (44%)
- Magenta (76%)
- Yellow (0%)
- Black (54%)



- Cyan (75%)
- Magenta (89%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.2090, 33.4210, 13.8487 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 49.2090, 33.4210, 13.8487 by changing the saturation by 10% instead.

■ 49.2090, 33.4210,
13.8487

■ 49.2090, 33.4210,
13.8487

■ 255.0000, 0.0000,
0.0000

■ 23.6110, 33.7158,
12.6192

■ 99.2740, 34.8679,
16.4227

■ 12.2370, 27.4912,
2.4232

■ 124.6270, 36.1729,
17.8671

■ 6.7770, 18.3509,
-5.9434

■ 151.4530, 36.7517,
18.8967

■ 3.2090, 9.7570,
-2.8143

■ 178.3930, 37.7673,
19.8263


■ 0.0000, 0.0000,
0.0000


■ 202.9130, 25.6789,
23.7553


■ 226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812


 49.2090, 33.4210,
13.8487


 49.2090, 33.4210,
13.8487


 40.0720, 37.9255,
15.7229


 58.3460, 28.9164,
11.9746


 31.5220, 42.1407,
17.0822

 66.8960, 24.7013,
10.6152

 27.9890, 43.8824,
18.4266

 76.0330, 20.1967,
8.7411

 84.8710, 15.8396,
6.2521

 94.0080, 11.3351,
4.3780

■ 102.5580, 7.1199,
3.0186

■ 111.6950, 2.6154,
1.1445

■ 120.8320, -1.8892,
-0.7297

■ 129.3820, -6.1043,
-2.0890

Harmonies

Analogous

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



46.1420, 44.7930, -40.4665



49.2090, 33.4210, 13.8487



41.7110, 18.8765, 59.0125

Triad

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



49.2090, 33.4210, 13.8487



47.1340, -23.2371, 33.2085



46.1520, 9.2921, -40.4753

Complementary

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



49.2090, 33.4210, 13.8487



95.7910, -33.4210, -13.8487

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.



40.3210, -10.5113, -35.3615



49.2090, 33.4210, 13.8487



46.6480, -22.9975, 2.9397

Square

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



49.2090, 33.4210, 13.8487



33.1890, -16.3622, 68.2402



36.3940, -17.9422, -31.9175



51.4130, 26.9114, -45.0892

Rectangle

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



49.2090, 33.4210, 13.8487



41.5090, 5.1721, 67.9596



36.3940, -17.9422, -31.9175



44.4420, 2.7401, -38.9756

Sweetspot

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



49.2090, 33.4210, 13.8487



126.1760, 13.2242, 5.1076



69.2570, 23.5373, -36.1824



60.1990, 8.2829, 3.3335



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



49.2090, 33.4210, 13.8487



47.1880, 52.1653, 21.7601



62.0660, 27.0825, 40.2841



54.2820, 2.3260, 0.6297



29.1570, 45.7716, 19.1563



59.5960, 93.8692, 38.9423

Inverse Universe

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



60.5390, 9.5943, 49.5163



64.7950, 14.8911, 77.3558



82.9340, -27.0825, -40.2841



55.1360, 0.4260, 3.3887



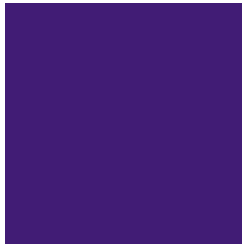
44.6860, 13.4658, 67.8044



91.3940, 26.9208, 139.0975

Previews

White Background



This preview shows how the YUV color 49.2090, 33.4210, 13.8487 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 49.2090, 33.4210, 13.8487

Background



This preview shows how black text looks on a background with the YUV color 49.2090, 33.4210, 13.8487.



This preview shows how white text looks on a background with the YUV color 49.2090, 33.4210,

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

49.2090, 33.4210, 13.8487

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.3710, 23.9741, -36.2824



Tritanopia

51.1570, 1.8946, -1.0147

Trichromacy



Original Color

49.2090, 33.4210, 13.8487

Protanomaly

44.2560, 31.9188, -17.7645

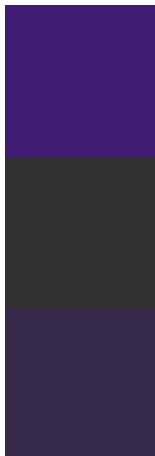
Deuteranomaly

44.4040, 27.4088, -17.8943

Tritanomaly

50.5780, 13.5190, 3.8781

Monochromacy



Original Color

49.2090, 33.4210, 13.8487

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9480, 12.3506, 5.3076

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.2090, 33.4210, 13.8487 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(65, 28, 117)` looks like.

```
.text, #text, p{  
    color:rgb(65, 28, 117)  
}
```

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(65, 28, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 28, 117) }
```

Border

The CSS property to change the border of an element to YUV 49.2090, 33.4210, 13.8487 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(65, 28, 117) }
```


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

```
.border{ border-color:rgb(65, 28, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 28, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 28, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 28, 117);  
box-shadow:4px 4px 4px 4px rgb(65, 28,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 49.2090, 33.4210, 13.8487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 28, 117) }
```

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

```
.background{ background-color: rgb(65, 28,  
117) }
```

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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