

Converting Colors

YUV(33.9000, 45.4053, -3.4203)

Have a look what the booklet for
YUV(33.9000, 45.4053, -3.4203)
contains.

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Color

**YUV(33.9000, 45.4053,
-3.4203)**

Conversions

Conversions Part 1

Format	Color
Hex	1E127E
RGB	30, 18, 126
RGB Percent	12%, 7%, 49%
CMY	0.8824, 0.9294, 0.5059
CMYK	0.76, 0.86, 0.00, 0.51
HSL	247°, 75%, 28%
HSV	247°, 86%, 49%
XYZ	4.5176, 2.2150, 19.9281
YIQ	33.9000, -27.5160, 36.1320

Conversions

Conversions Part 2

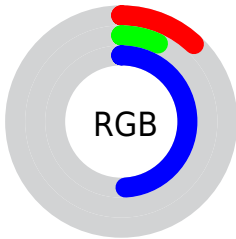
Format	Color
R _Y B	30, 18, 126
Decimal	1970814
CIE Lab	16.58, 40.70, -57.39
CIE LCh	17, 70.352, 305.345
Yxy	2.2150, 0.1694, 0.0831
Android (android.graphics.Color)	4280160894 (0xFF1E127E)
YUV	33.9000, 45.4053, -3.4203
Hunter-Lab	14.8828, 28.1379, -68.9712




Details

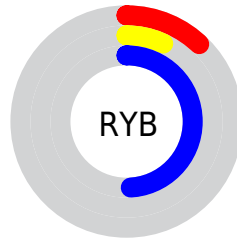
The YUV color **33.9000, 45.4053, -3.4203** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **110.1000, -45.4053, 3.4203**, and the grayscale version is **33.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **86.1830, 46.2518, 5.1015**, and **8.6640, 33.1966, -7.5983** is the 20% darker color. If you saturate the color by 10%, you get **22.9800, 50.7889, -3.4905**, and if you desaturate by 10%, it is **44.8200, 40.0217, -3.3501**.

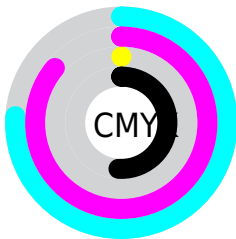
Distribution







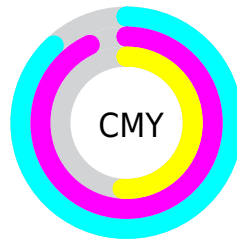
-  Red (12%)
-  Green (7%)
-  Blue (49%)






-  Red (12%)
-  Yellow (7%)
-  Blue (49%)



-  Cyan (76%)
-  Magenta (86%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (88%)
-  Magenta (93%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.9000, 45.4053, -3.4203 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 33.9000, 45.4053, -3.4203 by changing the saturation by 10% instead.

■ 33.9000, 45.4053,
-3.4203

■ 33.9000, 45.4053,
-3.4203

■ 252.6520, 1.1576,
2.0592

■ 11.4000, 43.6798,
-9.9978

■ 86.1830, 46.2518,
5.1015

■ 8.6640, 33.1966,
-7.5983

■ 111.8350, 47.4093,
7.1607

■ 8.2760, 21.5559,
-7.2581

■ 138.4870, 48.5669,
9.2199

■ 4.5940, 12.5252,
-4.0289

■ 164.1730, 44.7777,
11.2493


■ 0.0000, 0.0000,
0.0000


■ 188.6930, 32.6894,
15.1782


■ 213.5120, 20.4536,


19.7220


 235.6290, 9.5499,
16.9884


 33.9000, 45.4053,
-3.4203


 33.9000, 45.4053,
-3.4203


 22.9800, 50.7889,
-3.4905


 44.8200, 40.0217,
-3.3501

 18.5500, 52.9729,
-3.9904

 55.1530, 34.9276,
-2.7652

 66.3720, 29.3966,
-2.0802

 76.7050, 24.3024,
-1.4953

 87.6250, 18.9189,
-1.4251

■ 98.5450, 13.5353,
-1.3550

■ 108.8780, 8.4411,
-0.7700

■ 120.0970, 2.9102,
-0.0851

■ 130.4300, -2.1840,
0.4999

Harmonies

Analogous

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



44.8200, 49.8817, -39.3071



33.9000, 45.4053, -3.4203



40.0740, 21.6555, 54.3091

Triad

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



33.9000, 45.4053, -3.4203



34.7960, -17.1544, 42.2749



39.6320, 4.6184, -34.7573

Complementary

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



33.9000, 45.4053, -3.4203



110.1000, -45.4053, 3.4203

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.



32.8720, -16.2059, -28.8287



33.9000, 45.4053, -3.4203



38.3970, -18.9297, 4.9138

Square

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



33.9000, 45.4053, -3.4203



32.8900, -16.2148, 67.6255



30.5240, -15.0483, -26.7695



46.0330, 26.6057, -40.3709

Rectangle

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



33.9000, 45.4053, -3.4203



41.0960, 4.8827, 67.4448



30.5240, -15.0483, -26.7695



37.5800, -3.2439, -32.9577

Sweetspot

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



33.9000, 45.4053, -3.4203



126.9840, 17.7559, -1.7400



87.2510, 19.1033, -60.7331



59.8610, 10.9145, -0.7551



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



33.9000, 45.4053, -3.4203



23.9640, 68.5447, -5.2304



49.7470, 37.5927, 29.1629



58.0970, 2.9102, -0.0851



18.7780, 53.8464, -4.1903



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.2360, 26.0127, 56.7980



65.2670, 39.3084, 85.7118



94.2530, -37.5927, -29.1629



59.7770, 1.5889, 3.7036



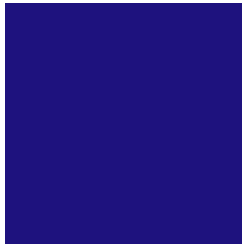
51.1540, 30.4901, 67.3939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 33.9000, 45.4053, -3.4203 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

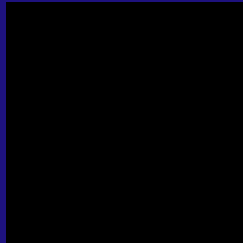
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.9000, 45.4053, -3.4203

Background



This preview shows how black text looks on a background with the YUV color 33.9000, 45.4053, -3.4203.



This preview shows how white text looks on a background with the YUV color 33.9000, 45.4053, -3.4203.

-3.4203.

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

33.9000, 45.4053, -3.4203

Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

34.1500, 19.1531, -29.9495



Tritanopia

33.2890, 8.2385, -29.1945

Trichromacy



Original Color

33.9000, 45.4053, -3.4203

Protanomaly

34.1740, 32.9452, -20.3236

Deuteranomaly

34.3220, 28.4353, -20.4534

Tritanomaly

33.3130, 22.0307, -19.5685

Monochromacy



Original Color

33.9000, 45.4053, -3.4203

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9410, 16.2981, -0.8253

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.9000, 45.4053, -3.4203 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(30, 18, 126)` looks like.

```
.text, #text, p{  
    color:rgb(30, 18, 126)  
}
```

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(30, 18, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 18, 126) }
```

Border

The CSS property to change the border of an element to YUV 33.9000, 45.4053, -3.4203 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(30, 18, 126) }
```


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

```
.border{ border-color:rgb(30, 18, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 18, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 18, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 18, 126);  
box-shadow:4px 4px 4px 4px rgb(30, 18,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 33.9000, 45.4053, -3.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 18, 126) }
```

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

```
.background{ background-color: rgb(30, 18,  
126) }
```

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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