

Converting Colors

YUV(33.9150, 12.3669, 0.0745)

Have a look what the booklet for
YUV(33.9150, 12.3669, 0.0745)
contains.

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Color

**YUV(33.9150, 12.3669,
0.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	221D3B
RGB	34, 29, 59
RGB Percent	13%, 11%, 23%
CMY	0.8667, 0.8863, 0.7686
CMYK	0.42, 0.51, 0.00, 0.77
HSL	250°, 34%, 17%
HSV	250°, 51%, 23%
XYZ	1.8885, 1.5346, 4.3343
YIQ	33.9150, -6.6500, 10.3900

Conversions

Conversions Part 2

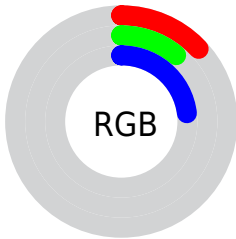
Format	Color
R_{YB}	34, 29, 59
Decimal	2235707
CIE _{Lab}	12.83, 11.17, -18.59
CIE _{LCh}	13, 21.688, 301.007
Yxy	1.5346, 0.2434, 0.1978
Android (android.graphics.Color)	4280425787 (0xFF221D3B)
YUV	33.9150, 12.3669, 0.0745
Hunter-Lab	12.3878, 5.5329, -12.0734

Details

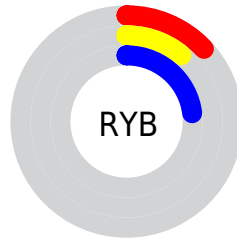
The YUV color **33.9150, 12.3669, 0.0745** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **54.0850, -12.3669, -0.0745**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.8550, 13.3825, 1.0042**, and **2.2970, 6.2626, -2.0145** is the 20% darker color. If you saturate the color by 10%, you get **28.8980, 14.8403, 0.0895**, and if you desaturate by 10%, it is **38.9320, 9.8935, 0.0596**.

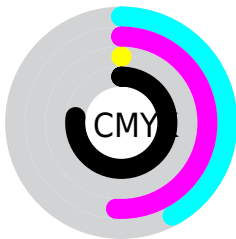
Distribution



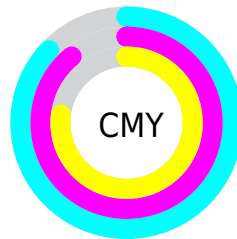
- Red (13%)
- Green (11%)
- Blue (23%)



- Red (13%)
- Yellow (11%)
- Blue (23%)



- Cyan (42%)
- Magenta (51%)
- Yellow (0%)
- Black (77%)



- Cyan (87%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.9150, 12.3669, 0.0745 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 33.9150, 12.3669, 0.0745 by changing the saturation by 10% instead.

■ 33.9150, 12.3669,
0.0745

■ 33.9150, 12.3669,
0.0745

■ 255.0000, 0.0000,
0.0000

■ 11.0510, 12.7929,
3.4633

■ 78.8550, 13.3825,
1.0042

■ 2.2970, 6.2626,
-2.0145

■ 102.4960, 14.5455,
1.3190

■ 0.0000, 0.0000,
0.0000

■ 127.9090, 14.8349,
1.8338

■ 154.0230, 15.2717,
1.7338

■ 180.5500, 15.9979,
2.1487

■ 208.5500, 15.9979,

2.1487

■ 234.9540, 9.8827,
3.5483

■ 33.9150, 12.3669,
0.0745

■ 33.9150, 12.3669,
0.0745

■ 28.8980, 14.8403,
0.0895

■ 38.9320, 9.8935,
0.0596

■ 23.8810, 17.3137,
0.1044

■ 43.9490, 7.4201,
0.0447

■ 18.8640, 19.7870,
0.1193

■ 48.9660, 4.9468,
0.0298

■ 13.8470, 22.2604,
0.1342

■ 53.9830, 2.4734,
0.0149

■ 9.7160, 24.2970,
0.2491

■ 59.0000, 0.0000,
0.0000

■ 63.1310, -2.0366,
-0.1149

■ 68.1480, -4.5100,
-0.1298

■ 73.1650, -6.9833,
-0.1447

■ 78.1820, -9.4567,
-0.1596

Harmonies

Analogous

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



27.7270, 17.3896, -24.3166



33.9150, 12.3669, 0.0745



34.5210, 6.6451, 15.3291

Triad

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



33.9150, 12.3669, 0.0745



31.8100, -15.1893, 18.5836



27.2420, 2.8387, -23.8912

Complementary

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



33.9150, 12.3669, 0.0745



54.0850, -12.3669, -0.0745

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.



26.1410, -4.0135, -19.4177



33.9150, 12.3669, 0.0745



31.3420, -15.4516, 9.3471

Square

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



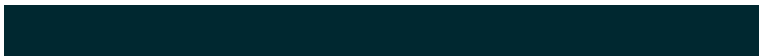
33.9150, 12.3669, 0.0745



32.0200, -6.9119, 23.6615



29.7920, -14.6875, -2.4486



28.9520, 9.3907, -25.3909

Rectangle

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



33.9150, 12.3669, 0.0745



33.4140, 2.2609, 21.5619



29.7920, -14.6875, -2.4486



26.6720, 0.6547, -23.3913

Sweetspot

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



33.9150, 12.3669, 0.0745



66.9660, 4.9468, 0.0298



47.0950, 5.8692, -15.8693



32.3960, 2.7628, 0.5297



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



33.9150, 12.3669, 0.0745



37.7500, 19.3502, 0.2193



38.4000, 10.1558, 9.2962



28.3420, 1.3104, -0.2999



15.5000, 38.7005, 0.4385



36.3710, 91.5151, 0.5516

Inverse Universe

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



40.8200, 6.4977, 15.9439



48.4990, 10.1070, 24.9954



49.6000, -10.1558, -9.2962



29.1250, 0.4314, 1.6444



37.1120, 20.6508, 49.8908



87.4680, 48.0833, 117.9846

Previews

White Background



This preview shows how the YUV color 33.9150, 12.3669, 0.0745 looks on a white background.

Color Contrast Check

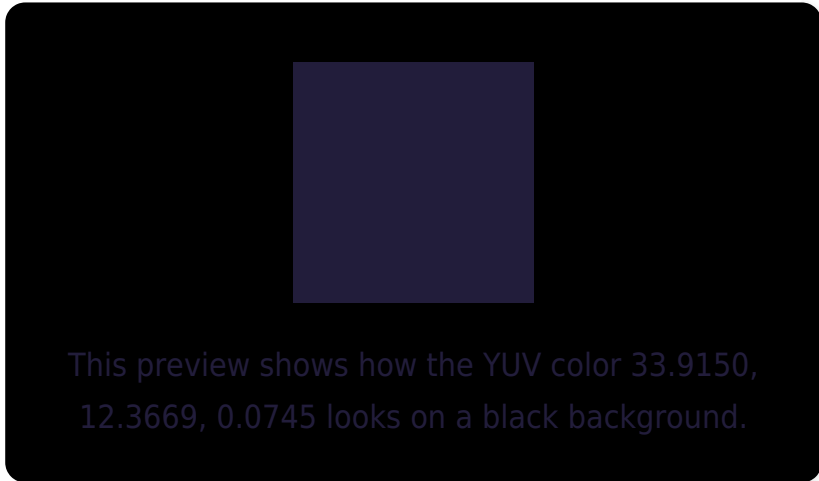
Large Text (above 18pt) WCAG AA ✓ Pass

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

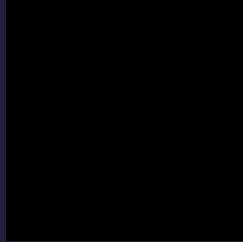
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.9150, 12.3669, 0.0745

Background



This preview shows how black text looks on a background with the YUV color 33.9150, 12.3669, 0.0745.



This preview shows how white text looks on a background with the YUV color 33.9150, 12.3669,

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

33.9150, 12.3669, 0.0745

Protanopia

31.2340, 15.1676, -11.6062

Deuteranopia

30.7560, 13.4313, -14.6950



Tritanopia

32.8470, 2.0474, -3.3738

Trichromacy



Original Color

33.9150, 12.3669, 0.0745

Protanomaly

32.3270, 14.1358, -7.3028

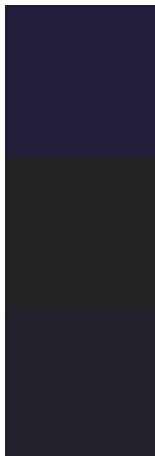
Deuteranomaly

31.6750, 12.9782, -9.3620

Tritanomaly

33.1830, 5.8258, -1.9145

Monochromacy



Original Color

33.9150, 12.3669, 0.0745

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.9150, 12.3669, 0.0745 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, 29, 59)` looks like.

```
.text, #text, p{  
    color:rgb(34, 29, 59)  
}
```

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, 29, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 29, 59) }
```

Border

The CSS property to change the border of an element to YUV 33.9150, 12.3669, 0.0745 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, 29, 59) }
```


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

```
.border{ border-color:rgb(34, 29, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 29, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 29, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 29, 59);  
box-shadow:4px 4px 4px 4px rgb(34, 29, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.9150, 12.3669, 0.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 29, 59) }
```

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

```
.background{ background-color: rgb(34, 29,  
59) }
```

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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