

Converting Colors

YUV(34.6950, 26.2794, 17.8075)

Have a look what the booklet for
YUV(34.6950, 26.2794, 17.8075)
contains.

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Color

**YUV(34.6950, 26.2794,
17.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	370E58
RGB	55, 14, 88
RGB Percent	22%, 5%, 35%
CMY	0.7843, 0.9451, 0.6549
CMYK	0.37, 0.84, 0.00, 0.65
HSL	273°, 73%, 20%
HSV	273°, 84%, 35%
XYZ	3.4940, 1.8309, 9.4018
YIQ	34.6950, 0.6820, 31.7060

Conversions

Conversions Part 2

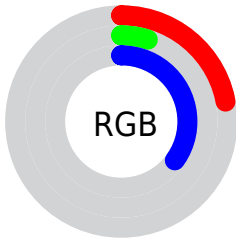
Format	Color
R_YB	55, 14, 88
Decimal	3608152
CIE Lab	14.57, 34.47, -35.69
CIE LCh	15, 49.615, 314.007
Yxy	1.8309, 0.2373, 0.1243
Android (android.graphics.Color)	4281798232 (0xFF370E58)
YUV	34.6950, 26.2794, 17.8075
Hunter-Lab	13.5310, 22.4138, -31.7248

Details

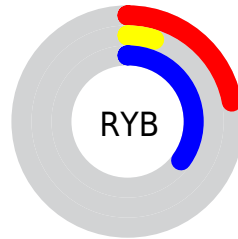
The YUV color **34.6950, 26.2794, 17.8075** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **67.3050, -26.2794, -17.8075**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.3470, 27.4369, 19.8667**, and **4.7880, 18.3455, -4.1991** is the 20% darker color. If you saturate the color by 10%, you get **28.2160, 29.4735, 19.9816**, and if you desaturate by 10%, it is **41.1740, 23.0852, 15.6334**.

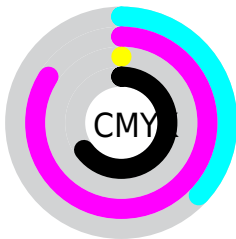
Distribution



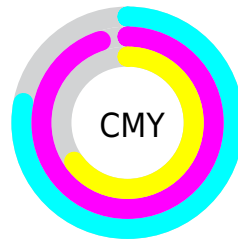
- Red (22%)
- Green (5%)
- Blue (35%)



- Red (22%)
- Yellow (5%)
- Blue (35%)



- Cyan (37%)
- Magenta (84%)
- Yellow (0%)
- Black (65%)



- Cyan (78%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.6950, 26.2794, 17.8075 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 34.6950, 26.2794, 17.8075 by changing the saturation by 10% instead.

■ 34.6950, 26.2794,
17.8075

■ 34.6950, 26.2794,
17.8075

■ 250.3040, 2.3151,
4.1184

■ 16.5650, 23.3855,
12.6595

■ 83.3470, 27.4369,
19.8667

■ 4.7880, 18.3455,
-4.1991

■ 108.7600, 27.7263,
20.3815

■ 2.7530, 8.0098,
-2.4144

■ 134.7000, 28.7419,
21.3111


■ 0.0000, 0.0000,
0.0000


■ 161.5260, 29.3207,
22.3407


■ 188.3520, 29.8995,
23.3703


■ 214.1430, 20.1425,


26.1846


 233.8680, 10.4181,
18.5328


 34.6950, 26.2794,
17.8075


 34.6950, 26.2794,
17.8075


 28.2160, 29.4735,
19.9816


 41.1740, 23.0852,
15.6334

 24.6830, 31.2153,
21.3260

 47.6530, 19.8911,
13.4593

 53.5450, 16.9863,
11.8000

 60.0240, 13.7922,
9.6260

 66.5030, 10.5980,
7.4519

■ 72.9820, 7.4039,
5.2778

■ 79.1620, 4.3571,
2.4889

■ 85.0540, 1.4524,
0.8296

■ 91.5330, -1.7418,
-1.3444

Harmonies

Analogous

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



33.8030, 35.5931, -29.6452



34.6950, 26.2794, 17.8075



32.5110, 12.0731, 47.7869

Triad

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



34.6950, 26.2794, 17.8075



34.9740, -17.2422, 23.7018



35.3920, 8.6807, -31.0388

Complementary

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



34.6950, 26.2794, 17.8075



67.3050, -26.2794, -17.8075

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.



30.4730, -7.6282, -26.7248



34.6950, 26.2794, 17.8075



33.0480, -16.2927, -0.9191

Square

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



34.6950, 26.2794, 17.8075



25.1160, -12.3822, 51.6413



27.0020, -13.3120, -23.6808



39.1540, 23.0951, -34.3381

Rectangle

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



34.6950, 26.2794, 17.8075



31.6830, 1.1423, 53.7750



27.0020, -13.3120, -23.6808



34.0240, 3.4392, -29.8390

Sweetspot

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



34.6950, 26.2794, 17.8075



94.0900, 10.3086, 6.9371



41.8070, 22.7731, -24.3867



46.0420, 6.3883, 4.3482



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



34.6950, 26.2794, 17.8075



32.2460, 40.7977, 27.8483



44.1060, 19.6677, 38.4950



40.0540, 1.4524, 0.8296



29.8390, 38.0404, 25.5742



65.6600, 83.4846, 56.4262

Inverse Universe

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



39.8880, 3.5062, 42.1942



40.1990, 5.3249, 65.6005



57.8940, -19.6677, -38.4950



40.4240, 0.2840, 2.2592



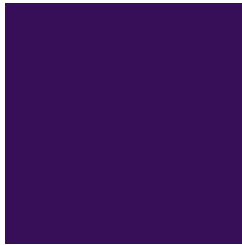
37.4650, 5.1938, 60.9822



82.2350, 11.2231, 133.9749

Previews

White Background



This preview shows how the YUV color 34.6950, 26.2794, 17.8075 looks on a white background.

Color Contrast Check

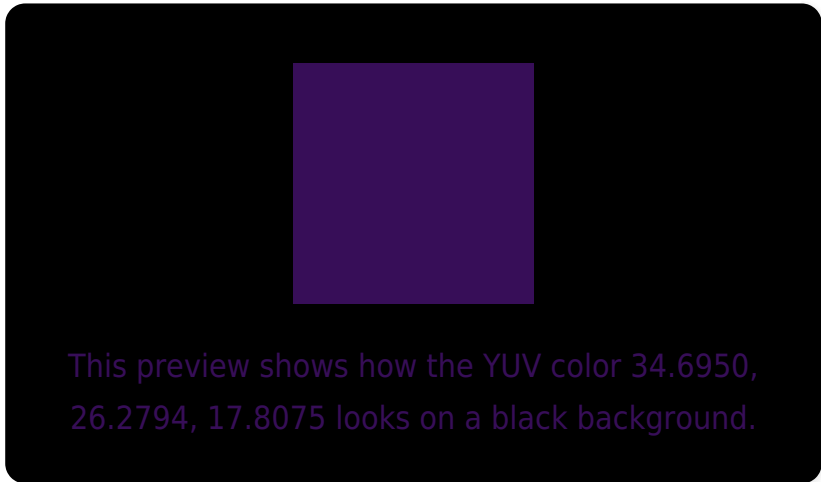
Large Text (above 18pt) WCAG AA ✓ Pass

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

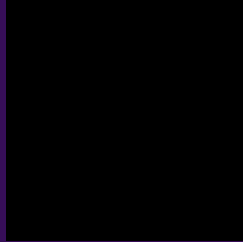
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.6950, 26.2794, 17.8075

Background



This preview shows how black text looks on a background with the YUV color 34.6950, 26.2794, 17.8075.



This preview shows how white text looks on a background with the YUV color 34.6950, 26.2794,

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

34.6950, 26.2794, 17.8075

Protanopia

30.7250, 23.7996, -26.9458

Deuteranopia

31.2320, 18.1266, -27.3905



Tritanopia

39.0330, -0.0163, 5.2331

Trichromacy



Original Color

34.6950, 26.2794, 17.8075

Protanomaly

32.3510, 24.4770, -10.8318

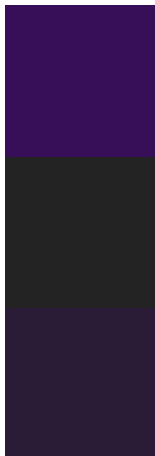
Deuteranomaly

32.7270, 20.8406, -11.1616

Tritanomaly

37.5850, 9.5716, 10.0110

Monochromacy



Original Color

34.6950, 26.2794, 17.8075

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.5630, 9.5824, 6.5222

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.6950, 26.2794, 17.8075 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(55, 14, 88)` looks like.

```
.text, #text, p{  
    color:rgb(55, 14, 88)  
}
```

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(55, 14, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 14, 88) }
```

Border

The CSS property to change the border of an element to YUV 34.6950, 26.2794, 17.8075 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(55, 14, 88) }
```


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

```
.border{ border-color:rgb(55, 14, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 14, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 14, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 14, 88);  
box-shadow:4px 4px 4px 4px rgb(55, 14, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.6950, 26.2794, 17.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 14, 88) }
```

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

```
.background{ background-color: rgb(55, 14,  
88) }
```

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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