

Converting Colors

YUV(26.1180, 14.7318, 34.9765)

Have a look what the booklet for
YUV(26.1180, 14.7318, 34.9765)
contains.

YUV(26.1180, 14.7318, 34.9765)	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>	30

Color

**YUV(26.1180, 14.7318,
34.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	420038
RGB	66, 0, 56
RGB Percent	26%, 0%, 22%
CMY	0.7412, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.15, 0.74
HSL	309°, 100%, 13%
HSV	309°, 100%, 26%
XYZ	2.9606, 1.4438, 3.8640
YIQ	26.1180, 21.3600, 31.4080

Conversions

Conversions Part 2

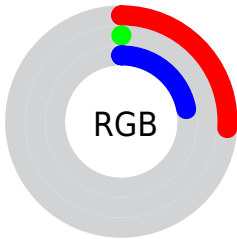
Format	Color
R_{YB}	66, 0, 56
Decimal	4325432
CIE _{Lab}	12.25, 35.57, -17.02
CIE _{LCh}	12, 39.433, 334.424
Yxy	1.4438, 0.3581, 0.1746
Android (android.graphics.Color)	4282515512 (0xFF420038)
YUV	26.1180, 14.7318, 34.9765
Hunter-Lab	12.0157, 22.9535, -10.6555

Details

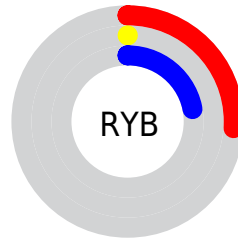
The YUV color **26.1180, 14.7318, 34.9765** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.8820, -14.7318, -34.9765**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.2490, 12.6952, 34.8616**, and **1.3250, 3.7838, -0.2850** is the 20% darker color. If you saturate the color by 10%, you get **26.1180, 14.7318, 34.9765**, and if you desaturate by 10%, it is **30.3410, 13.1429, 31.2729**.

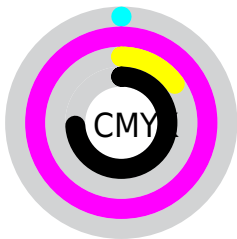
Distribution



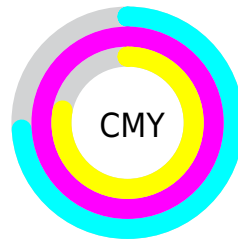
- Red (26%)
- Green (0%)
- Blue (22%)



- Red (26%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (74%)



- Cyan (74%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.1180, 14.7318, 34.9765 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 26.1180, 14.7318, 34.9765 by changing the saturation by 10% instead.

■ 26.1180, 14.7318,
34.9765

■ 26.1180, 14.7318,
34.9765

■ 245.0210, 4.9196,
8.7516

■ 17.1460, 8.8020,
23.5510

■ 77.2490, 12.6952,
34.8616

■ 1.3250, 3.7838,
-0.2850

■ 101.9610, 12.8372,
35.9912

■ 0.0000, 0.0000,
0.0000

■ 128.2600, 12.6898,
36.6060

■ 154.3850, 13.1212,
38.2504

■ 182.0970, 13.2632,
39.3799

■ 209.5100, 13.5526,

39.8947

■ 227.9980, 13.3120,
23.6808

■ 26.1180, 14.7318,
34.9765

■ 30.3410, 13.1429,
31.2729

■ 33.9770, 11.8433,
28.0842

■ 38.2000, 10.2544,
24.3806

■ 41.8360, 8.9549,
21.1918

■ 46.0590, 7.3659,
17.4883

■ 50.2820, 5.7770,
13.7847

■ 53.9180, 4.4774,
10.5959

■ 58.1410, 2.8885,
6.8923

■ 61.7770, 1.5889,
3.7036

Harmonies

Analogous

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



31.6730, 22.8392, 1.1638



26.1180, 14.7318, 34.9765



26.3290, 1.3168, 44.4385

Triad

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



26.1180, 14.7318, 34.9765



30.1460, -14.8620, 6.8880



32.3090, 14.6377, -28.3350

Complementary

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



26.1180, 14.7318, 34.9765



39.8820, -14.7318, -34.9765

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.



29.8180, 2.5547, -26.1504



26.1180, 14.7318, 34.9765



24.6870, -12.1707, -16.3885

Square

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



26.1180, 14.7318, 34.9765



29.9680, -14.7742, 25.4611



24.7680, -11.7176, -21.7215



33.4150, 23.9524, -29.3050

Rectangle

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



26.1180, 14.7318, 34.9765



23.5220, -8.1453, 46.0232



24.7680, -11.7176, -21.7215



31.3970, 11.1433, -27.5352

Sweetspot

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



26.1180, 14.7318, 34.9765



71.2820, 5.7770, 13.7847



10.5140, 27.3546, -0.4508



33.9670, 3.4673, 7.9219



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



26.1180, 14.7318, 34.9765



34.4490, 19.4986, 46.0872



22.3560, 0.3175, 38.2758



31.2390, 0.8682, 1.5444



38.3510, 21.5190, 51.4352



88.6360, 49.9725, 118.7142

Inverse Universe

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



26.1180, 14.7318, 34.9765



34.4490, 19.4986, 46.0872



43.6440, -0.3175, -38.2758



31.2390, 0.8682, 1.5444



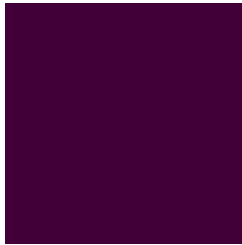
38.3510, 21.5190, 51.4352



88.6360, 49.9725, 118.7142

Previews

White Background



This preview shows how the YUV color 26.1180, 14.7318, 34.9765 looks on a white background.

Color Contrast Check

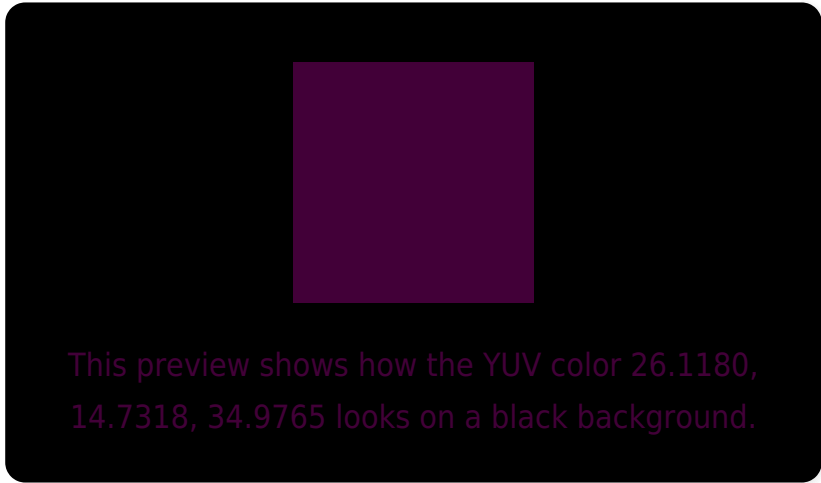
Large Text (above 18pt) WCAG AA ✓ Pass

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

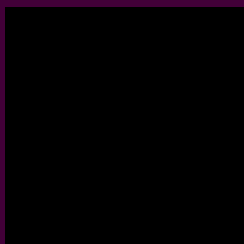
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.1180, 14.7318, 34.9765

Background



This preview shows how black text looks on a background with the YUV color 26.1180, 14.7318, 34.9765.



This preview shows how white text looks on a background with the YUV color 26.1180, 14.7318,

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



Protanopia

29.0950, 22.6312, -25.5163

Deuteranopia

36.1440, 8.3100, -5.3883

Tritanopia

34.3730, -5.6069, 25.1059

Trichromacy



Protanomaly

27.8420, 19.7979, -3.3694

Deuteranomaly

32.5140, 10.5926, 9.1962

Tritanomaly

31.3440, 1.8024, 28.6393

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.4560, 5.1982, 12.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.1180, 14.7318, 34.9765 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(66, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(66, 0, 56)  
}
```

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(66, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 0, 56) }
```

Border

The CSS property to change the border of an element to YUV 26.1180, 14.7318, 34.9765 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(66, 0, 56) }
```

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

```
.border{ border-color:rgb(66, 0, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 0, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 0, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 0, 56); box-shadow:4px  
4px 4px 4px rgb(66, 0, 56) }
```


Background

The CSS property to change the background color of an element to YUV 26.1180, 14.7318, 34.9765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 0, 56) }
```

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

```
.background{ background-color: rgb(66, 0,  
56) }
```

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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