

Converting Colors

YUV(26.4980, -8.6265, 13.5953)

Have a look what the booklet for
YUV(26.4980, -8.6265, 13.5953)
contains.

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Color

**YUV(26.4980, -8.6265,
13.5953)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1609
RGB	42, 22, 9
RGB Percent	16%, 9%, 4%
CMY	0.8353, 0.9137, 0.9647
CMYK	0.00, 0.48, 0.79, 0.84
HSL	24°, 65%, 10%
HSV	24°, 79%, 16%
XYZ	1.2911, 1.0858, 0.4000
YIQ	26.4980, 16.0930, 0.1970

Conversions

Conversions Part 2

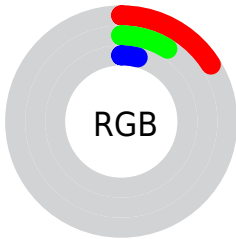
Format	Color
R_{YB}	42, 30, 9
Decimal	2758153
CIE Lab	9.69, 8.58, 10.98
CIE LCh	10, 13.936, 51.989
Yxy	1.0858, 0.4649, 0.3910
Android (android.graphics.Color)	4280948233 (0xFF2A1609)
YUV	26.4980, -8.6265, 13.5953
Hunter-Lab	10.4201, 3.8812, 5.0182

Details

The YUV color **26.4980, -8.6265, 13.5953** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.5020, 8.6265, -13.5953**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.8080, -8.7793, 15.9544**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.2810, -9.5055, 15.5396**, and if you desaturate by 10%, it is **28.7150, -7.7475, 11.6509**.

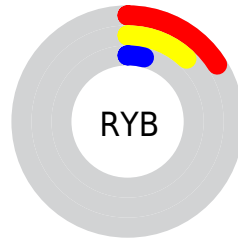
Distribution



Red (16%)

Green (9%)

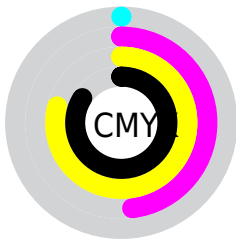
Blue (4%)



Red (16%)

Yellow (12%)

Blue (4%)

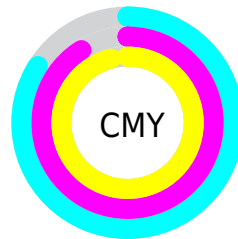


Cyan (0%)

Magenta (48%)

Yellow (79%)

Black (84%)



Cyan (84%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.4980, -8.6265, 13.5953 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 26.4980, -8.6265, 13.5953 by changing the saturation by 10% instead.

■ 26.4980, -8.6265,
13.5953

■ 26.4980, -8.6265,
13.5953

■ 248.3830, -7.5838,
5.8031

■ 5.0830, -2.5059,
10.4512

■ 70.8080, -8.7793,
15.9544

■ 0.0000, 0.0000,
0.0000

■ 94.4060, -9.0742,
17.1839

■ 119.2920, -9.5110,
17.2839


■ 144.8900, -9.8058,
18.5135


■ 171.4880,
-10.1006, 19.7430


■ 198.7870,


-10.2480, 20.3578


 226.6730,
-10.6848, 20.4578


 26.4980, -8.6265,
13.5953


 26.4980, -8.6265,
13.5953


 24.2810, -9.5055,
15.5396


 28.7150, -7.7475,
11.6509


 22.6510, -10.6739,
16.9691

 30.3450, -6.5791,
10.2214

 22.5370, -11.1107,
17.0691

 32.6760, -5.2633,
8.1771

 34.3060, -4.0949,
6.7476

 36.5230, -3.2158,
4.8033

■ 38.1530, -2.0474,
3.3738

■ 40.3700, -1.1684,
1.4295

■ 42.1140, 0.4368,
-0.1000

■ 44.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



27.4750, -3.6852, 15.3694



26.4980, -8.6265, 13.5953



25.6670, -11.6678, 9.0620

Triad

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



26.4980, -8.6265, 13.5953



21.8190, 1.0752, -18.2583



26.8670, 8.4466, -2.5144

Complementary

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



26.4980, -8.6265, 13.5953



24.5020, 8.6265, -13.5953

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.



23.9470, 10.3791, -15.7395



26.4980, -8.6265, 13.5953



22.6600, 5.5906, -19.8728

Square

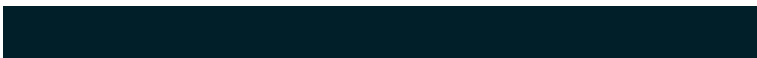
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.4980, -8.6265, 13.5953



23.5770, -5.2145, -7.5220



22.8710, 8.9376, -20.0579



28.0100, 4.9251, 7.0072

Rectangle

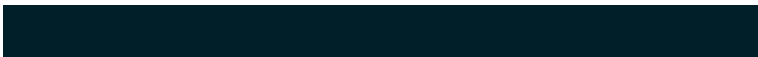
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.4980, -8.6265, 13.5953



25.0470, -11.3622, 4.3438



22.8710, 8.9376, -20.0579



26.3610, 9.1890, -7.3326

Sweetspot

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



26.4980, -8.6265, 13.5953



47.8220, -3.3632, 5.4181



21.1470, 3.8715, 18.2881



24.1530, -2.0474, 3.3738



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



26.4980, -8.6265, 13.5953



29.9890, -13.3056, 21.0576



35.8900, -13.2568, 5.3585



19.1850, -0.5842, 0.7148



44.4870, -21.9321, 34.6529



112.1090, -55.2697, 87.6044

Inverse Universe

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



24.5020, 8.6265, -13.5953



27.0110, 13.3056, -21.0576



15.1100, 13.2568, -5.3585



19.4020, 0.2948, -1.2296



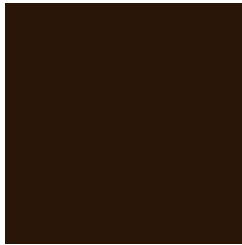
39.5130, 21.9321, -34.6529



99.3040, 55.5591, -87.0896

Previews

White Background



This preview shows how the YUV color 26.4980, -8.6265, 13.5953 looks on a white background.

Color Contrast Check

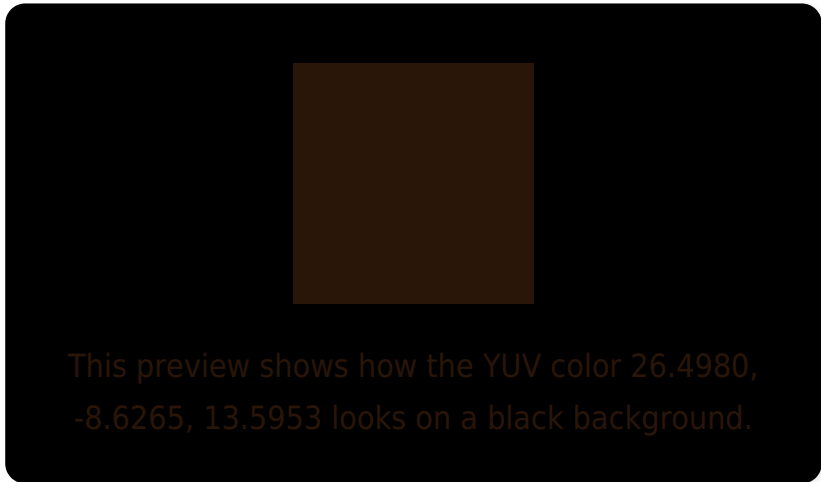
Large Text (above 18pt) WCAG AA ✓ Pass

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

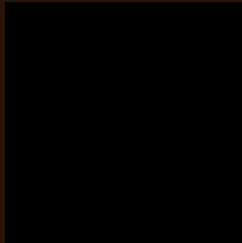
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.4980, -8.6265, 13.5953

Background



This preview shows how black text looks on a background with the YUV color 26.4980, -8.6265, 13.5953.



This preview shows how white text looks on a background with the YUV color 26.4980, -8.6265,

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

26.4980, -8.6265, 13.5953

Protanopia

26.9590, -7.8678, 3.5440

Deuteranopia

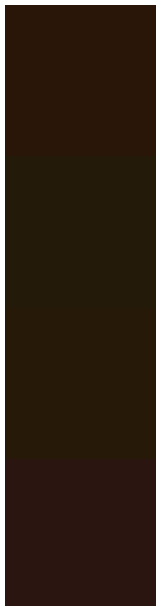
26.6390, -9.1890, 7.3326



Tritanopia

27.6920, -2.8062, 13.4251

Trichromacy



Original Color

26.4980, -8.6265, 13.5953

Protanomaly

26.8670, -8.3154, 7.1326

Deuteranomaly

26.9490, -9.3419, 9.6917

Tritanomaly

27.1220, -4.9901, 13.9250

Monochromacy



Original Color

26.4980, -8.6265, 13.5953

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.5230, -3.2158, 4.8033

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.4980, -8.6265, 13.5953 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(42, 22, 9)` looks like.

```
.text, #text, p{  
    color:rgb(42, 22, 9)  
}
```

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(42, 22, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 22, 9) }
```

Border

The CSS property to change the border of an element to YUV 26.4980, -8.6265, 13.5953 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(42, 22, 9) }
```


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

```
.border{ border-color:rgb(42, 22, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 22, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 22, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 22, 9); box-shadow:4px  
4px 4px 4px rgb(42, 22, 9) }
```

Background

The CSS property to change the background color of an element to YUV 26.4980, -8.6265, 13.5953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 22, 9) }
```

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

```
.background{ background-color: rgb(42, 22,  
9) }
```

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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