

Converting Colors

YUV(26.4700, -6.1477, 11.8658)

Have a look what the booklet for
YUV(26.4700, -6.1477, 11.8658)
contains.

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Color

**YUV(26.4700, -6.1477,
11.8658)**

Conversions

Conversions Part 1

Format	Color
Hex	28160E
RGB	40, 22, 14
RGB Percent	16%, 9%, 5%
CMY	0.8431, 0.9137, 0.9451
CMYK	0.00, 0.45, 0.65, 0.84
HSL	18°, 48%, 11%
HSV	18°, 65%, 16%
XYZ	1.2412, 1.0566, 0.5540
YIQ	26.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

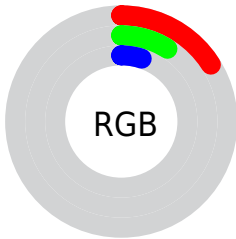
Format	Color
R_{YB}	40, 26, 14
Decimal	2627086
CIE _{Lab}	9.45, 8.03, 8.38
CIE _{LCh}	9, 11.602, 46.223
Yxy	1.0566, 0.4352, 0.3705
Android (android.graphics.Color)	4280817166 (0xFF28160E)
YUV	26.4700, -6.1477, 11.8658
Hunter-Lab	10.2793, 3.5655, 4.0001

Details

The YUV color **26.4700, -6.1477, 11.8658** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **27.5300, 6.1477, -11.8658**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.3670, -6.5899, 13.7101**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.2530, -7.0267, 13.8101**, and if you desaturate by 10%, it is **28.6870, -5.2687, 9.9215**.

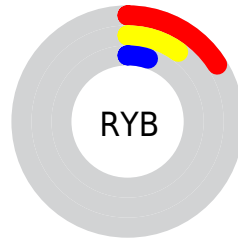
Distribution



Red (16%)

Green (9%)

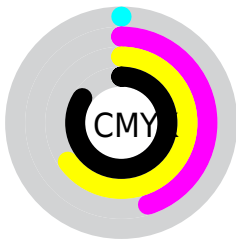
Blue (5%)



Red (16%)

Yellow (10%)

Blue (5%)

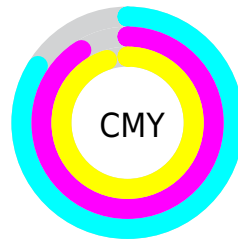


Cyan (0%)

Magenta (45%)

Yellow (65%)

Black (84%)



Cyan (84%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.4700, -6.1477, 11.8658 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 26.4700, -6.1477, 11.8658 by changing the saturation by 10% instead.

■ 26.4700, -6.1477,
11.8658

■ 26.4700, -6.1477,
11.8658

■ 248.9530, -5.3998,
5.3032

■ 4.1860, -2.0637,
8.6069

■ 70.3670, -6.5899,
13.7101

■ 0.0000, 0.0000,
0.0000

■ 93.9650, -6.8847,
14.9397

■ 118.5630, -7.1796,
16.1692

■ 144.4490, -7.6164,
16.2692

■ 170.7480, -7.7638,
16.8840

■ 198.0470, -7.9112,

17.4988

■ 226.2320, -8.4954,
18.2135

■ 26.4700, -6.1477,
11.8658

■ 26.4700, -6.1477,
11.8658

■ 24.2530, -7.0267,
13.8101

■ 28.6870, -5.2687,
9.9215

■ 22.0360, -7.9057,
15.7544

■ 30.9040, -4.3897,
7.9772

■ 20.4060, -9.0742,
17.1839

■ 32.5340, -3.2213,
6.5477

■ 19.0040, -9.3690,
18.4135

■ 34.7510, -2.3422,
4.6034

■ 36.9680, -1.4632,
2.6591

■ 39.1850, -0.5842,
0.7148

■ 40.8150, 0.5842,
-0.7148

■ 43.0320, 1.4632,
-2.6591

■ 45.2490, 2.3422,
-4.6034

Harmonies

Analogous

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



26.8060, -2.3694, 13.3251



26.4700, -6.1477, 11.8658



25.9380, -9.3364, 7.9474

Triad

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



26.4700, -6.1477, 11.8658



22.5100, -0.2514, -12.7253



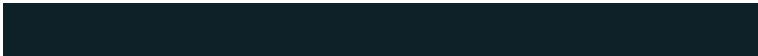
26.5140, 7.1416, -3.9588

Complementary

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



26.4700, -6.1477, 11.8658



27.5300, 6.1477, -11.8658

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.



23.5020, 8.6265, -13.5953



26.4700, -6.1477, 11.8658



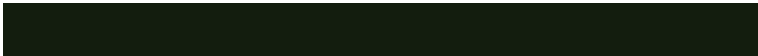
21.6170, 4.1328, -18.9581

Square

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



26.4700, -6.1477, 11.8658



24.3000, -5.0779, -4.6481



21.8280, 7.4798, -19.1432



27.5860, 4.6411, 4.7481

Rectangle

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



26.4700, -6.1477, 11.8658



25.2150, -9.4730, 5.0734



21.8280, 7.4798, -19.1432



26.0190, 7.8786, -7.0327

Sweetspot

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



26.4700, -6.1477, 11.8658



45.7510, -2.3422, 4.6034



23.8260, 4.0298, 14.1846



22.2670, -1.6106, 3.2738



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



26.4700, -6.1477, 11.8658



30.0040, -9.3690, 18.4135



34.1010, -9.9098, 5.1734



19.1850, -0.5842, 0.7148



40.3780, -19.9064, 38.2565



101.5430, -50.0607, 96.8708

Inverse Universe

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



27.5300, 6.1477, -11.8658



31.9960, 9.3690, -18.4135



19.8990, 9.9098, -5.1734



19.4020, 0.2948, -1.2296



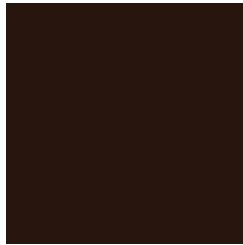
43.6220, 19.9064, -38.2565



110.4570, 50.0607, -96.8708

Previews

White Background



This preview shows how the YUV color 26.4700, -6.1477, 11.8658 looks on a white background.

Color Contrast Check

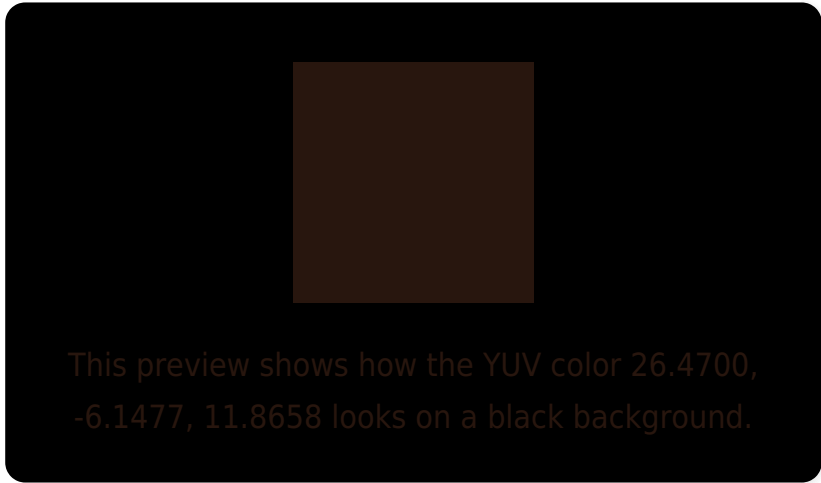
Large Text (above 18pt) WCAG AA ✓ Pass

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

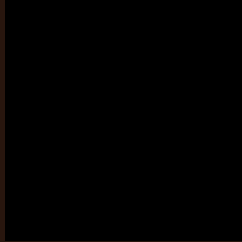
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.4700, -6.1477, 11.8658

Background



This preview shows how black text looks on a background with the YUV color 26.4700, -6.1477, 11.8658.



This preview shows how white text looks on a background with the YUV color 26.4700, -6.1477,

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

26.4700, -6.1477, 11.8658

Protanopia

26.6430, -5.2470, 2.9441

Deuteranopia

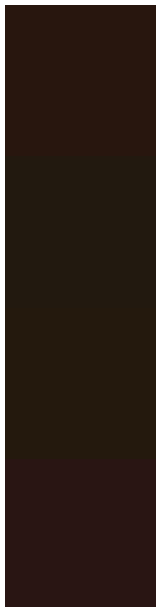
26.6110, -6.7102, 5.6032



Tritanopia

27.0940, -2.5113, 12.1956

Trichromacy



Original Color

26.4700, -6.1477, 11.8658

Protanomaly

26.5510, -5.6946, 6.5328

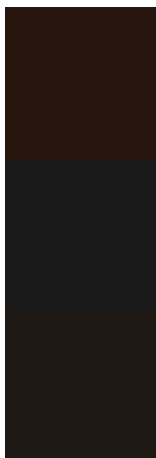
Deuteranomaly

26.9210, -6.8631, 7.9623

Tritanomaly

26.7520, -3.8217, 12.4955

Monochromacy



Original Color

26.4700, -6.1477, 11.8658

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.4520, -2.1948, 3.9886

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.4700, -6.1477, 11.8658 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(40, 22, 14)` looks like.

```
.text, #text, p{  
    color:rgb(40, 22, 14)  
}
```

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(40, 22, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 22, 14) }
```

Border

The CSS property to change the border of an element to YUV 26.4700, -6.1477, 11.8658 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(40, 22, 14) }
```


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

```
.border{ border-color:rgb(40, 22, 14) }
```

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

Here you see how a box with a 4 pixel rgb(40, 22, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 22, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 22, 14);  
box-shadow:4px 4px 4px 4px rgb(40, 22, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.4700, -6.1477, 11.8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 22, 14) }
```

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

```
.background{ background-color: rgb(40, 22,  
14) }
```

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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