

Converting Colors

YUV(19.5470, -6.1857, 24.0763)

Have a look what the booklet for
YUV(19.5470, -6.1857, 24.0763)
contains.

YUV(19.5470, -6.1857, 24.0763)	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>	31

Color

**YUV(19.5470, -6.1857,
24.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0807
RGB	47, 8, 7
RGB Percent	18%, 3%, 3%
CMY	0.8157, 0.9686, 0.9725
CMYK	0.00, 0.83, 0.85, 0.82
HSL	2°, 74%, 11%
HSV	2°, 85%, 18%
XYZ	1.2975, 0.7933, 0.2858
YIQ	19.5470, 23.5650, 7.9570

Conversions

Conversions Part 2

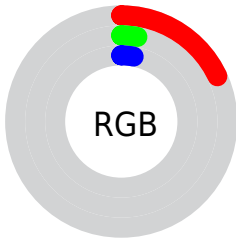
Format	Color
RYB	47, 8, 7
Decimal	3082247
CIELab	7.17, 19.64, 8.27
CIELCh	7, 21.312, 22.828
Yxy	0.7933, 0.5459, 0.3338
Android (android.graphics.Color)	4281272327 (0xFF2F0807)
YUV	19.5470, -6.1857, 24.0763
Hunter-Lab	8.9070, 10.4147, 4.3327

Details

The YUV color **19.5470, -6.1857, 24.0763** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.4530, 6.1857, -24.0763**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.8570, -6.3385, 26.4354**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.0420, -6.9227, 27.1502**, and if you desaturate by 10%, it is **23.0520, -5.4486, 21.0024**.

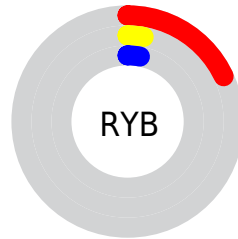
Distribution



Red (18%)

Green (3%)

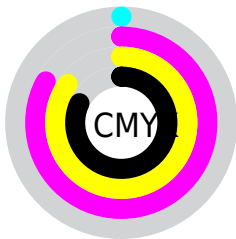
Blue (3%)



Red (18%)

Yellow (3%)

Blue (3%)

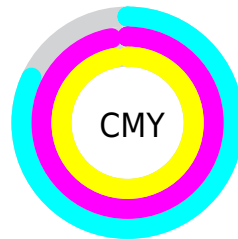


Cyan (0%)

Magenta (83%)

Yellow (85%)

Black (82%)



Cyan (82%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.5470, -6.1857, 24.0763 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 19.5470, -6.1857, 24.0763 by changing the saturation by 10% instead.

■ 19.5470, -6.1857,
24.0763

■ 19.5470, -6.1857,
24.0763

■ 239.4640, -3.6798,
13.6251

■ 5.3820, -2.6533,
11.0660

■ 64.8570, -6.3385,
26.4354

■ 0.0000, 0.0000,
0.0000

■ 88.7540, -6.7807,
28.2797

■ 113.6510, -7.2229,
30.1241

■ 139.2490, -7.5178,
31.3536

■ 165.7330, -8.2494,
32.6832

■ 193.3310, -8.5442,

33.9127

■ 219.8360, -7.8071,
30.8388

■ 19.5470, -6.1857,
24.0763

■ 19.5470, -6.1857,
24.0763

■ 16.0420, -6.9227,
27.1502

■ 23.0520, -5.4486,
21.0024

■ 14.6400, -7.2175,
28.3797

■ 25.8560, -4.8590,
18.5433

■ 29.3610, -4.1220,
15.4694

■ 32.2790, -3.0955,
12.9103

■ 35.7840, -2.3585,
9.8364

■ 38.5880, -1.7689,
7.3773

■ 42.0930, -1.0318,
4.3034

■ 45.5980, -0.2948,
1.2296

■ 48.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



20.5280, 2.6977, 21.4619



19.5470, -6.1857, 24.0763



20.7760, -10.2426, 18.6134

Triad

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



19.5470, -6.1857, 24.0763



16.4360, -8.1029, -14.4144



20.3750, 14.6051, -17.8689

Complementary

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



19.5470, -6.1857, 24.0763



34.4530, 6.1857, -24.0763

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.



21.4520, 11.1162, -18.8134



19.5470, -6.1857, 24.0763



19.5480, -1.2562, -17.1436

Square

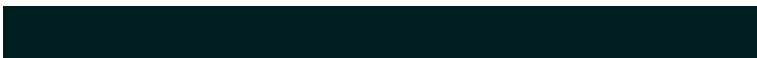
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.5470, -6.1857, 24.0763



19.7580, -9.7407, -2.4188



21.2580, 5.2958, -18.6433



21.6970, 12.9674, -5.8733

Rectangle

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



19.5470, -6.1857, 24.0763



21.3300, -10.5157, 12.8656



21.2580, 5.2958, -18.6433



20.8480, 13.8789, -18.2837

Sweetspot

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



19.5470, -6.1857, 24.0763



50.3710, -2.6479, 9.3216



23.4060, 11.1388, 20.6919



23.9900, -1.4741, 6.1478



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



19.5470, -6.1857, 24.0763



19.4130, -9.5706, 36.4718



31.2870, -11.9735, 13.7803



21.5980, -0.2948, 1.2296



27.1870, -13.4032, 52.4560



66.9210, -32.9921, 128.9883

Inverse Universe

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



34.4530, 6.1857, -24.0763



42.1740, 9.2812, -36.9866



22.7130, 11.9735, -13.7803



22.4020, 0.2948, -1.2296



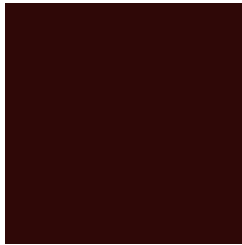
59.8130, 13.4032, -52.4560



147.0790, 32.9921, -128.9883

Previews

White Background



This preview shows how the YUV color 19.5470, -6.1857, 24.0763 looks on a white background.

Color Contrast Check

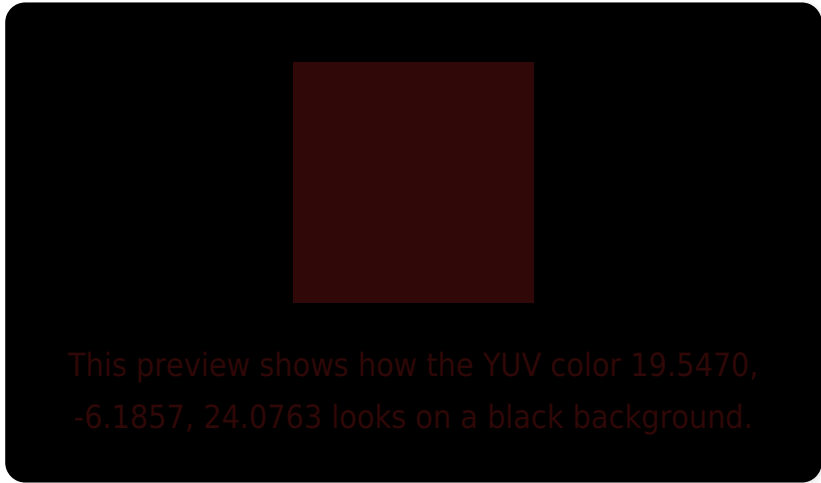
Large Text (above 18pt) WCAG AA ✓ Pass

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

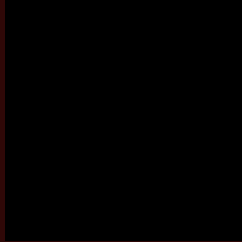
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.5470, -6.1857, 24.0763

Background



This preview shows how black text looks on a background with the YUV color 19.5470, -6.1857, 24.0763.

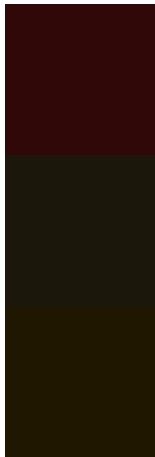


This preview shows how white text looks on a background with the YUV color 19.5470, -6.1857,

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

19.5470, -6.1857, 24.0763

Protanopia

23.4150, -6.1206, 3.1440

Deuteranopia

22.7700, -11.2256, 7.2177



Tritanopia

19.6610, -5.7489, 23.9763

Trichromacy



Original Color

19.5470, -6.1857, 24.0763

Protanomaly

21.8720, -5.8529, 10.6363

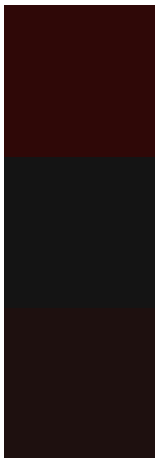
Deuteranomaly

21.9710, -9.3527, 13.1804

Tritanomaly

19.6610, -5.7489, 23.9763

Monochromacy



Original Color

19.5470, -6.1857, 24.0763

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.0720, -2.5005, 8.7069

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.5470, -6.1857, 24.0763 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(47, 8, 7)` looks like.

```
.text, #text, p{  
    color:rgb(47, 8, 7)  
}
```

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(47, 8, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 8, 7) }
```

Border

The CSS property to change the border of an element to YUV 19.5470, -6.1857, 24.0763 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(47, 8, 7) }
```


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

```
.border{ border-color:rgb(47, 8, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 8, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 8, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 8, 7); box-shadow:4px  
4px 4px 4px rgb(47, 8, 7) }
```

Background

The CSS property to change the background color of an element to YUV 19.5470, -6.1857, 24.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 8, 7) }
```

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

```
.background{ background-color: rgb(47, 8,  
7) }
```

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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