

Converting Colors

YUV(13.2660, 3.3199, 8.5367)

Have a look what the booklet for
YUV(13.2660, 3.3199, 8.5367)
contains.

YUV(13.2660, 3.3199, 8.5367)	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(13.2660, 3.3199,
8.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	170714
RGB	23, 7, 20
RGB Percent	9%, 3%, 8%
CMY	0.9098, 0.9725, 0.9216
CMYK	0.00, 0.70, 0.13, 0.91
HSL	311°, 53%, 6%
HSV	311°, 70%, 9%
XYZ	0.5556, 0.3846, 0.7068
YIQ	13.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

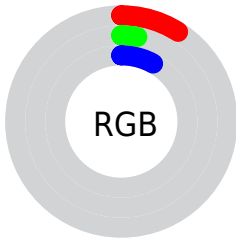
Format	Color
R_{YB}	23, 7, 20
Decimal	1509140
CIE _{Lab}	3.47, 7.78, -4.12
CIE _{LCh}	3, 8.807, 332.113
Yxy	0.3846, 0.3373, 0.2335
Android (android.graphics.Color)	4279699220 (0xFF170714)
YUV	13.2660, 3.3199, 8.5367
Hunter-Lab	6.2018, 5.1380, -2.4156

Details

The YUV color **13.2660, 3.3199, 8.5367** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **16.7340, -3.3199, -8.5367**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **57.0270, 2.4517, 6.9923**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **12.0920, 3.8986, 9.5663**, and if you desaturate by 10%, it is **14.4400, 2.7411, 7.5071**.

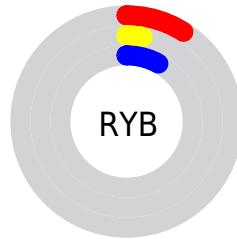
Distribution



Red (9%)

Green (3%)

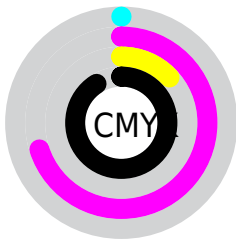
Blue (8%)



Red (9%)

Yellow (3%)

Blue (8%)

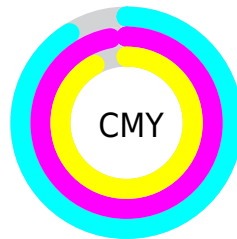


Cyan (0%)

Magenta (70%)

Yellow (13%)

Black (91%)



Cyan (91%)

Magenta (97%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.2660, 3.3199, 8.5367 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 13.2660, 3.3199, 8.5367 by changing the saturation by 10% instead.

■ 13.2660, 3.3199,
8.5367

■ 13.2660, 3.3199,
8.5367

■ 238.1520, 2.8831,
8.6367

■ 0.0000, 0.0000,
0.0000

■ 57.0270, 2.4517,
6.9923

■ 80.0270, 2.4517,
6.9923

■ 104.4400, 2.7411,
7.5071

■ 129.4400, 2.7411,
7.5071

■ 155.1520, 2.8831,
8.6367

■ 182.1520, 2.8831,

8.6367

■ 210.1520, 2.8831,
8.6367

■ 13.2660, 3.3199,
8.5367

■ 13.2660, 3.3199,
8.5367

■ 12.0920, 3.8986,
9.5663

■ 14.4400, 2.7411,
7.5071

■ 10.2170, 4.3300,
11.2107

■ 16.3150, 2.3097,
5.8627

■ 9.0430, 4.9088,
12.2403

■ 17.4890, 1.7309,
4.8331

■ 18.7770, 1.5889,
3.7036

■ 20.5380, 0.7208,
2.1592

■ 21.8260, 0.5788,
1.0296

■ 23.0000, 0.0000,
0.0000

■ 24.1740, -0.5788,
-1.0296

■ 26.0490, -1.0102,
-2.6740

Harmonies

Analogous

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



13.0910, 5.3781, 1.6742



13.2660, 3.3199, 8.5367



12.9630, -0.4748, 12.3104

Triad

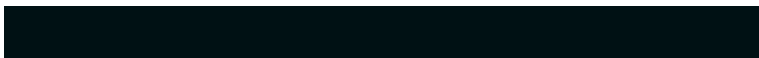
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.2660, 3.3199, 8.5367



12.1270, -5.9786, 4.2736



12.2590, 3.8163, -10.7511

Complementary

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



13.2660, 3.3199, 8.5367



16.7340, -3.3199, -8.5367

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.



12.0480, 0.4693, -10.5661



13.2660, 3.3199, 8.5367



10.8980, -5.3727, -3.4185

Square

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



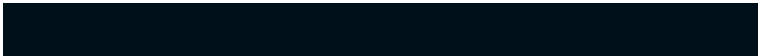
13.2660, 3.3199, 8.5367



12.4590, -6.1423, 10.1215



10.2070, -4.0461, -8.9515



12.2420, 6.2897, -10.7362

Rectangle

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



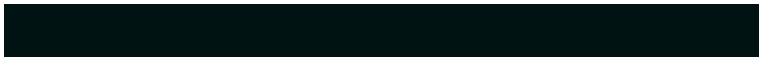
13.2660, 3.3199, 8.5367



12.4640, -3.6798, 13.6251



10.2070, -4.0461, -8.9515



12.6180, 2.6533, -11.0660

Sweetspot

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



13.2660, 3.3199, 8.5367



26.6630, 1.1521, 3.8035



9.7210, 6.5465, 0.2447



12.6520, 1.1576, 2.0592



143.0000, 0.0000, 0.0000



15.0000, 0.0000, 0.0000

Same Dimension

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



13.2660, 3.3199, 8.5367



15.1680, 5.3402, 13.8847



12.3540, -0.1745, 9.3365



11.8260, 0.5788, 1.0296



30.0910, 15.7311, 41.1392



79.9200, 42.4374, 108.8182

Inverse Universe

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



13.2660, 3.3199, 8.5367



15.1680, 5.3402, 13.8847



17.6460, 0.1745, -9.3365



11.8260, 0.5788, 1.0296



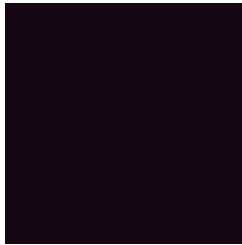
30.0910, 15.7311, 41.1392



79.9200, 42.4374, 108.8182

Previews

White Background



This preview shows how the YUV color 13.2660, 3.3199, 8.5367 looks on a white background.

Color Contrast Check

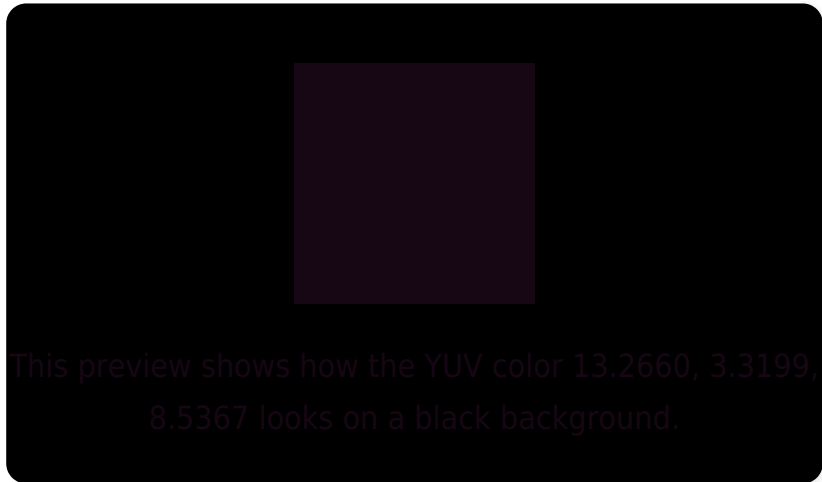
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2660, 3.3199, 8.5367

Background



This preview shows how black text looks on a background with the YUV color 13.2660, 3.3199, 8.5367.



This preview shows how white text looks on a background with the YUV color 13.2660, 3.3199,

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

13.2660, 3.3199, 8.5367

Protanopia

12.8730, 5.9786, -4.2736

Deuteranopia

13.9720, 2.4788, -1.7294



Tritanopia

13.7020, -1.3321, 7.2773

Trichromacy



Original Color

13.2660, 3.3199, 8.5367

Protanomaly

12.9660, 4.9468, 0.0298

Deuteranomaly

13.4070, 2.7573, 2.2741

Tritanomaly

13.4570, 0.2677, 7.4922

Monochromacy



Original Color

13.2660, 3.3199, 8.5367

Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

13.3640, 1.2995, 3.1888

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.2660, 3.3199, 8.5367 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(23, 7, 20)` looks like.

```
.text, #text, p{  
    color:rgb(23, 7, 20)  
}
```

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(23, 7, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 7, 20) }
```

Border

The CSS property to change the border of an element to YUV 13.2660, 3.3199, 8.5367 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(23, 7, 20) }
```


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

```
.border{ border-color:rgb(23, 7, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 7, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 7, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 7, 20); box-shadow:4px  
4px 4px 4px rgb(23, 7, 20) }
```

Background

The CSS property to change the background color of an element to YUV 13.2660, 3.3199, 8.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 7, 20) }
```

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

```
.background{ background-color: rgb(23, 7,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor