

Converting Colors

YUV(8.0080, 11.3351, 4.3780)

Have a look what the booklet for
YUV(8.0080, 11.3351, 4.3780)
contains.

YUV(8.0080, 11.3351, 4.3780)	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(8.0080, 11.3351,
4.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	0D011F
RGB	13, 1, 31
RGB Percent	5%, 0%, 12%
CMY	0.9490, 0.9961, 0.8784
CMYK	0.58, 0.97, 0.00, 0.88
HSL	264°, 94%, 6%
HSV	264°, 97%, 12%
XYZ	0.4242, 0.2062, 1.3138
YIQ	8.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

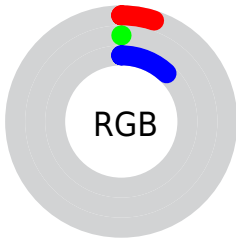
Format	Color
R_{YB}	13, 1, 31
Decimal	852255
CIE _{Lab}	1.86, 9.35, -15.07
CIE _{LCh}	2, 17.737, 301.800
Yxy	0.2062, 0.2182, 0.1061
Android (android.graphics.Color)	4279042335 (0xFF0D011F)
YUV	8.0080, 11.3351, 4.3780
Hunter-Lab	4.5410, 8.7264, -13.9748

Details

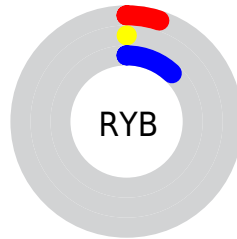
The YUV color **8.0080, 11.3351, 4.3780** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **23.9920, -11.3351, -4.3780**, and the grayscale version is **8.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **53.7580, 10.4723, 1.0892**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **7.1220, 11.7719, 4.2780**, and if you desaturate by 10%, it is **10.3670, 10.1721, 4.0631**.

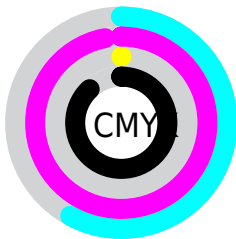
Distribution



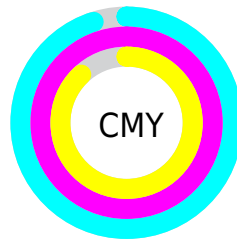
- Red (5%)
- Green (0%)
- Blue (12%)



- Red (5%)
- Yellow (0%)
- Blue (12%)



- Cyan (58%)
- Magenta (97%)
- Yellow (0%)
- Black (88%)



- Cyan (95%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 8.0080, 11.3351, 4.3780 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 8.0080, 11.3351, 4.3780 by changing the saturation by 10% instead.

■ 8.0080, 11.3351,
4.3780

■ 8.0080, 11.3351,
4.3780

■ 232.8830, 10.9037,
2.7336

■ 0.3420, 1.3104,
-0.2999

■ 53.7580, 10.4723,
1.0892

■ 0.0000, 0.0000,
0.0000

■ 76.2850, 11.1985,
1.5041

■ 100.3990, 11.6353,
1.4041

■ 124.8120, 11.9247,
1.9189

■ 150.9260, 12.3615,
1.8189

■ 178.0400, 12.7983,

1.7189

■ 205.4530, 13.0877,
2.2337

■ 8.0080, 11.3351,
4.3780

■ 8.0080, 11.3351,
4.3780

■ 7.1220, 11.7719,
4.2780

■ 10.3670, 10.1721,
4.0631

■ 12.7260, 9.0091,
3.7483

■ 15.0850, 7.8461,
3.4335

■ 17.1450, 6.8305,
2.5038

■ 19.5040, 5.6675,
2.1890

■ 22.4500, 4.2152,
1.3594

■ 24.8090, 3.0522,
1.0445

■ 27.1680, 1.8892,
0.7297

■ 29.5270, 0.7262,
0.4148

Harmonies

Analogous

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



8.5720, 12.5360, -7.5176



8.0080, 11.3351, 4.3780



10.9940, 5.9190, 14.9143

Triad

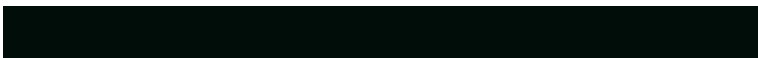
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8.0080, 11.3351, 4.3780



7.4750, -3.6852, 15.3694



8.5430, -0.2677, -7.4922

Complementary

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



8.0080, 11.3351, 4.3780



23.9920, -11.3351, -4.3780

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.



7.6310, -3.7621, -6.6924



8.0080, 11.3351, 4.3780



6.8000, -3.3524, 1.9294

Square

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



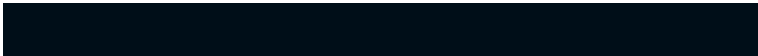
8.0080, 11.3351, 4.3780



9.8670, -4.8644, 20.2876



7.6310, -3.7621, -6.6924



10.9540, 6.4317, -9.6067

Rectangle

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



8.0080, 11.3351, 4.3780



11.3490, 0.8139, 18.9879



7.6310, -3.7621, -6.6924

Sweetspot

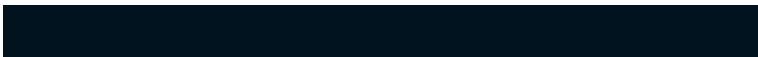
The Sweet Spot groups the original color and five complimentary colors.



8.0080, 11.3351, 4.3780



31.8630, 4.5045, 1.8741



14.9860, 7.8949, -12.2657



14.6950, 2.6154, 1.1445



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



8.0080, 11.3351, 4.3780



9.4580, 15.5502, 5.7373



12.4930, 9.1240, 13.5996



14.1140, 0.4368, -0.1000



18.5740, 29.7900, 11.7746



48.4150, 78.1824, 30.3310

Inverse Universe

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



12.0220, 3.4402, 16.6437



14.9950, 4.4395, 22.8064



19.5070, -9.1240, -13.5996



14.4130, 0.2894, 0.5148



28.9790, 8.8844, 43.8684



76.0290, 23.6497, 114.8616

Previews

White Background



This preview shows how the YUV color 8.0080, 11.3351, 4.3780 looks on a white background.

Color Contrast Check

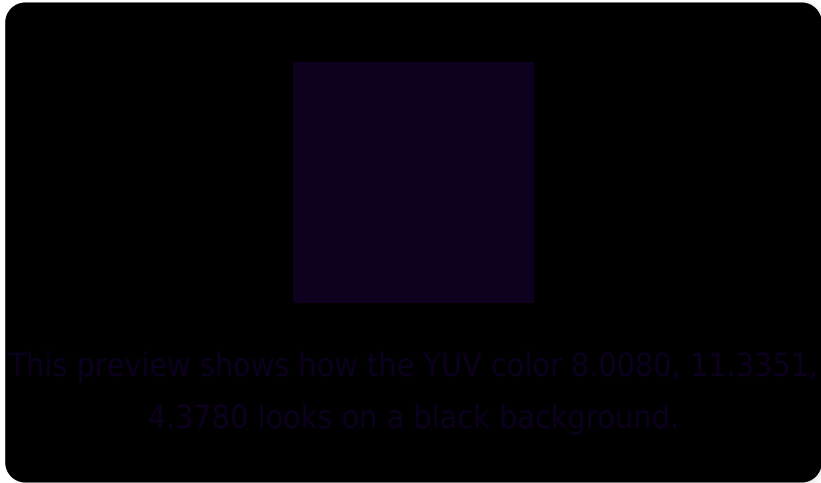
Large Text (above 18pt) WCAG AA ✓ Pass

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

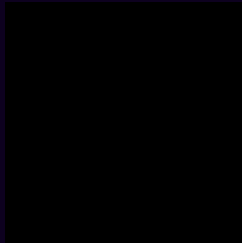
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 8.0080, 11.3351, 4.3780

Background



This preview shows how black text looks on a background with the YUV color 8.0080, 11.3351, 4.3780.



This preview shows how white text looks on a background with the YUV color 8.0080, 11.3351,

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

8.0080, 11.3351, 4.3780

Protanopia

9.0790, 6.8631, -7.9623

Deuteranopia

8.6230, 5.1159, -7.5624



Tritanopia

10.3200, 1.3212, -3.7886

Trichromacy



Original Color

8.0080, 11.3351, 4.3780

Protanomaly

8.5680, 8.5940, -3.1291

Deuteranomaly

8.2260, 7.2836, -2.8292

Tritanomaly

9.6670, 5.0942, -0.5850

Monochromacy



Original Color

8.0080, 11.3351, 4.3780

Achromatopsia

8.0000, 0.0000, 0.0000

Achromatomaly

7.7490, 4.0677, 1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 8.0080, 11.3351, 4.3780 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(13, 1, 31)` looks like.

```
.text, #text, p{  
    color:rgb(13, 1, 31)  
}
```

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(13, 1, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 1, 31) }
```

Border

The CSS property to change the border of an element to YUV 8.0080, 11.3351, 4.3780 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(13, 1, 31) }
```


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

```
.border{ border-color:rgb(13, 1, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 1, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 1, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 1, 31); box-shadow:4px  
4px 4px 4px rgb(13, 1, 31) }
```

Background

The CSS property to change the background color of an element to YUV 8.0080, 11.3351, 4.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 1, 31) }
```

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

```
.background{ background-color: rgb(13, 1,  
31) }
```

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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