

Converting Colors

YUV(13.4360, 15.5611, 2.2486)

Have a look what the booklet for
YUV(13.4360, 15.5611, 2.2486)
contains.

YUV(13.4360, 15.5611, 2.2486)	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(13.4360, 15.5611,
2.2486)**

Conversions

Conversions Part 1

Format	Color
Hex	10062D
RGB	16, 6, 45
RGB Percent	6%, 2%, 18%
CMY	0.9373, 0.9765, 0.8235
CMYK	0.64, 0.87, 0.00, 0.82
HSL	255°, 76%, 10%
HSV	255°, 87%, 18%
XYZ	0.7525, 0.4299, 2.5259
YIQ	13.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

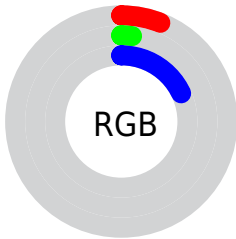
Format	Color
R_{YB}	16, 6, 45
Decimal	1050157
CIE _{Lab}	3.88, 14.09, -22.76
CIE _{LCh}	4, 26.766, 301.755
Yxy	0.4299, 0.2029, 0.1159
Android (android.graphics.Color)	4279240237 (0xFF10062D)
YUV	13.4360, 15.5611, 2.2486
Hunter-Lab	6.5564, 9.0121, -18.2525

Details

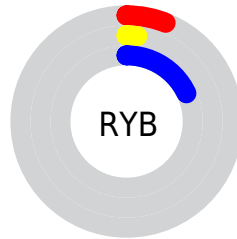
The YUV color **13.4360, 15.5611, 2.2486** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **37.5640, -15.5611, -2.2486**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **57.9520, 16.2927, 0.9191**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.6040, 17.4502, 2.9783**, and if you desaturate by 10%, it is **16.6810, 13.9613, 2.0338**.

Distribution



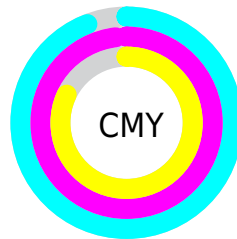
- Red (6%)
- Green (2%)
- Blue (18%)



- Red (6%)
- Yellow (2%)
- Blue (18%)



- Cyan (64%)
- Magenta (87%)
- Yellow (0%)
- Black (82%)



- Cyan (94%)
- Magenta (98%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.4360, 15.5611, 2.2486 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 13.4360, 15.5611, 2.2486 by changing the saturation by 10% instead.

■ 13.4360, 15.5611,
2.2486

■ 13.4360, 15.5611,
2.2486

■ 237.0360, 8.8563,
6.1074

■ 3.3230, 10.1938,
-2.9143

■ 57.9520, 16.2927,
0.9191

■ 0.0000, 0.0000,
0.0000

■ 81.4790, 17.0189,
1.3339

■ 105.3050, 17.5976,
2.3635

■ 130.8320, 18.3238,
2.7783

■ 156.9460, 18.7606,
2.6784

■ 184.0600, 19.1974,

2.5784

■ 211.5870, 19.9236,
2.9932

■ 13.4360, 15.5611,
2.2486

■ 13.4360, 15.5611,
2.2486

■ 9.6040, 17.4502,
2.9783

■ 16.6810, 13.9613,
2.0338

■ 8.7180, 17.8870,
2.8783

■ 20.8120, 11.9247,
1.9189

■ 24.0570, 10.3249,
1.7040

■ 27.8890, 8.4357,
0.9743

■ 32.0200, 6.3991,
0.8595

■ 35.2650, 4.7994,
0.6446

■ 39.0970, 2.9102,
-0.0851

■ 42.6410, 1.1630,
0.3148

■ 46.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



15.0920, 17.2096, -13.2357



13.4360, 15.5611, 2.2486



14.7110, 8.5235, 19.5475

Triad

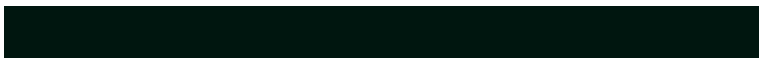
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.4360, 15.5611, 2.2486



12.8130, -6.3168, 19.4580



14.6240, 0.1854, -12.8252

Complementary

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



13.4360, 15.5611, 2.2486



37.5640, -15.5611, -2.2486

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.



12.9140, -6.3666, -11.3256



13.4360, 15.5611, 2.2486



13.6000, -6.7048, 3.8588

Square

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



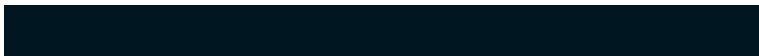
13.4360, 15.5611, 2.2486



13.1560, -6.4859, 27.0502



12.3270, -6.0772, -10.8108



17.2630, 7.7583, -15.1397

Rectangle

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



13.4360, 15.5611, 2.2486



15.2510, 2.8343, 24.3359



12.3270, -6.0772, -10.8108



13.3700, -4.6194, -11.7255

Sweetspot

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



13.4360, 15.5611, 2.2486



46.0200, 6.3991, 0.8595



27.4690, 8.6428, -18.8283



23.0370, 3.9258, 0.8446



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.



13.4360, 15.5611, 2.2486



11.2110, 23.5600, 3.3230



19.1170, 12.7603, 13.9294



21.2280, 0.8736, -0.2000



16.4960, 34.7585, 4.8270



40.8410, 85.3674, 12.4174

Inverse Universe

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



20.9670, 6.9183, 21.0769



22.6570, 10.5221, 31.8728



31.8830, -12.7603, -13.9294



21.7120, 0.1420, 1.1296



33.3090, 15.1307, 47.0870



82.1120, 37.9058, 115.6658

Previews

White Background



This preview shows how the YUV color 13.4360, 15.5611, 2.2486 looks on a white background.

Color Contrast Check

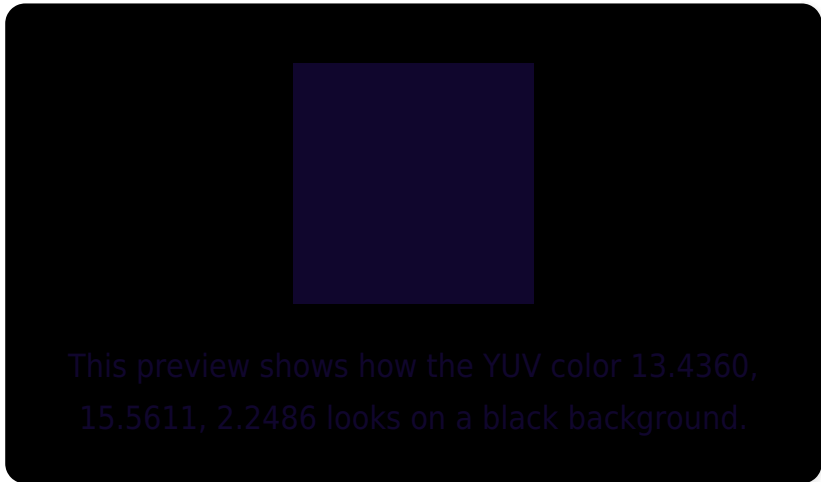
Large Text (above 18pt) WCAG AA ✓ Pass

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

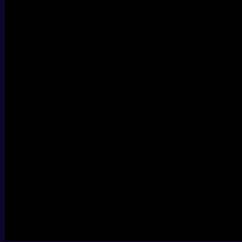
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 13.4360, 15.5611, 2.2486

Background



This preview shows how black text looks on a background with the YUV color 13.4360, 15.5611, 2.2486.



This preview shows how white text looks on a background with the YUV color 13.4360, 15.5611,

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

13.4360, 15.5611, 2.2486

Protanopia

12.5670, 10.0735, -11.0213

Deuteranopia

13.1710, 7.3107, -11.5510



Tritanopia

12.7320, 3.0901, -11.1660

Trichromacy



Original Color

13.4360, 15.5611, 2.2486

Protanomaly

13.0560, 11.8044, -6.1881

Deuteranomaly

13.3010, 10.2046, -6.4030

Tritanomaly

13.2040, 7.2944, -6.3179

Monochromacy



Original Color

13.4360, 15.5611, 2.2486

Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

12.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.4360, 15.5611, 2.2486 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(16, 6, 45)` looks like.

```
.text, #text, p{  
    color:rgb(16, 6, 45)  
}
```

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(16, 6, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 6, 45) }
```

Border

The CSS property to change the border of an element to YUV 13.4360, 15.5611, 2.2486 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(16, 6, 45) }
```


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

```
.border{ border-color:rgb(16, 6, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 6, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 6, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(16, 6, 45); box-shadow:4px  
4px 4px 4px rgb(16, 6, 45) }
```

Background

The CSS property to change the background color of an element to YUV 13.4360, 15.5611, 2.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 6, 45) }
```

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

```
.background{ background-color: rgb(16, 6,  
45) }
```

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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