

Converting Colors

YUV(13.0640, 6.3774, 7.8369)

Have a look what the booklet for
YUV(13.0640, 6.3774, 7.8369)
contains.

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Color

**YUV(13.0640, 6.3774,
7.8369)**

Conversions

Conversions Part 1

Format	Color
Hex	16061A
RGB	22, 6, 26
RGB Percent	9%, 2%, 10%
CMY	0.9137, 0.9765, 0.8980
CMYK	0.15, 0.77, 0.00, 0.90
HSL	288°, 62%, 6%
HSV	288°, 77%, 10%
XYZ	0.5825, 0.3754, 1.0190
YIQ	13.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

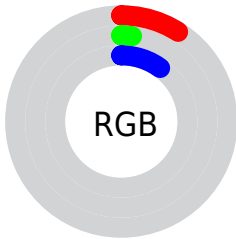
Format	Color
R_{YB}	22, 6, 26
Decimal	1443354
CIE Lab	3.39, 9.24, -8.71
CIE LCh	3, 12.704, 316.685
Yxy	0.3754, 0.2946, 0.1899
Android (android.graphics.Color)	4279633434 (0xFF16061A)
YUV	13.0640, 6.3774, 7.8369
Hunter-Lab	6.1270, 6.2465, -5.5722

Details

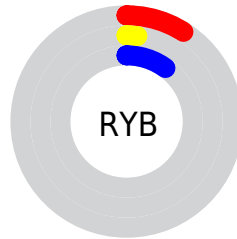
The YUV color **13.0640, 6.3774, 7.8369** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18.9360, -6.3774, -7.8369**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.9390, 5.9461, 6.1925**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.0040, 7.3930, 8.7665**, and if you desaturate by 10%, it is **15.1240, 5.3619, 6.9073**.

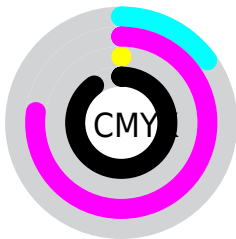
Distribution



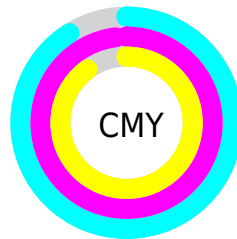
- Red (9%)
- Green (2%)
- Blue (10%)



- Red (9%)
- Yellow (2%)
- Blue (10%)



- Cyan (15%)
- Magenta (77%)
- Yellow (0%)
- Black (90%)



- Cyan (91%)
- Magenta (98%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.0640, 6.3774, 7.8369 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 13.0640, 6.3774, 7.8369 by changing the saturation by 10% instead.

■ 13.0640, 6.3774,
7.8369

■ 13.0640, 6.3774,
7.8369

■ 238.2920, 7.2510,
7.6369

■ 0.0000, 0.0000,
0.0000

■ 56.9390, 5.9461,
6.1925

■ 79.9390, 5.9461,
6.1925

■ 104.0530, 6.3829,
6.0925

■ 129.4660, 6.6723,
6.6073

■ 155.4660, 6.6723,
6.6073

■ 181.8790, 6.9617,

7.1221

■ 209.8790, 6.9617,
7.1221

■ 13.0640, 6.3774,
7.8369

■ 13.0640, 6.3774,
7.8369

■ 11.0040, 7.3930,
8.7665

■ 15.1240, 5.3619,
6.9073

■ 9.8300, 7.9718,
9.7961

■ 16.2980, 4.7831,
5.8777

■ 9.2430, 8.2612,
10.3109

■ 18.3580, 3.7675,
4.9480

■ 19.5320, 3.1887,
3.9184

■ 21.5920, 2.1731,
2.9888

■ 23.3530, 1.3050,
1.4444

■ 24.8260, 0.5788,
1.0296

■ 26.5870, -0.2894,
-0.5148

■ 28.0600, -1.0156,
-0.9296

Harmonies

Analogous

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



11.9700, 8.8888, -4.3587



13.0640, 6.3774, 7.8369



12.4840, 2.7194, 14.4845

Triad

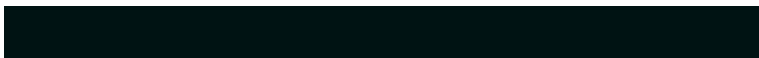
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.0640, 6.3774, 7.8369



12.4480, -6.1369, 8.3771



13.3190, 2.8007, -11.6808

Complementary

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



13.0640, 6.3774, 7.8369



18.9360, -6.3774, -7.8369

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.



11.7230, -3.3144, -10.2811



13.0640, 6.3774, 7.8369



11.2080, -5.5255, -1.0594

Square

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



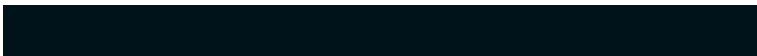
13.0640, 6.3774, 7.8369



11.9050, -5.8692, 15.8693



9.9790, -4.9196, -8.7516



13.5300, 6.1477, -11.8658

Rectangle

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



13.0640, 6.3774, 7.8369



11.7680, -1.3646, 17.7435



9.9790, -4.9196, -8.7516



13.4500, 0.7642, -11.7957

Sweetspot

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



13.0640, 6.3774, 7.8369



28.5920, 2.1731, 2.9888



10.6280, 7.5784, -4.0588



14.7660, 1.5944, 1.9592



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



13.0640, 6.3774, 7.8369



13.5960, 9.5662, 11.7553



13.5760, 3.1670, 10.8958



11.5270, 0.7262, 0.4148



27.0170, 24.6416, 29.8031



71.9930, 65.0795, 79.8131

Inverse Universe

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



12.4360, -1.2009, 11.8956



12.6540, -1.8014, 17.8434



18.4240, -3.1670, -10.8958



11.7120, 0.1420, 1.1296



24.7330, -4.7984, 45.8382



65.6700, -12.1623, 121.3154

Previews

White Background



This preview shows how the YUV color 13.0640, 6.3774, 7.8369 looks on a white background.

Color Contrast Check

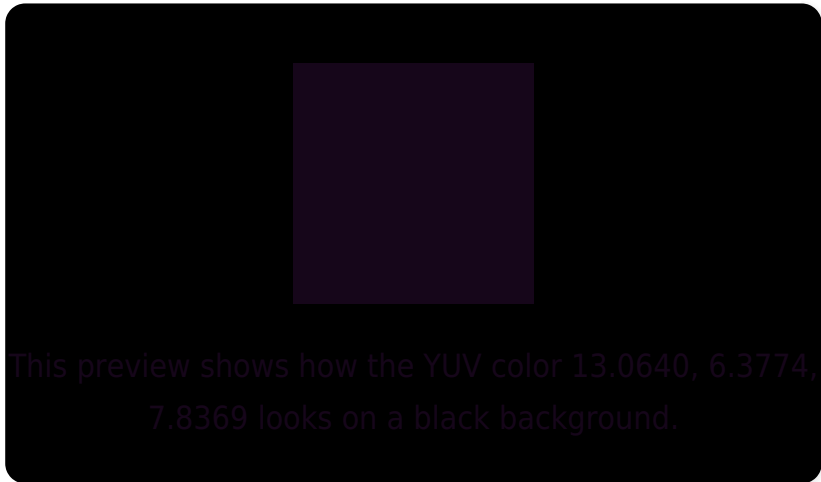
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0640, 6.3774, 7.8369

Background



This preview shows how black text looks on a background with the YUV color 13.0640, 6.3774, 7.8369.



This preview shows how white text looks on a background with the YUV color 13.0640, 6.3774,

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

13.0640, 6.3774, 7.8369

Protanopia

10.8230, 8.4683, -9.4918

Deuteranopia

12.2640, 6.2788, -7.2475



Tritanopia

13.8050, -0.8899, 5.4330

Trichromacy



Original Color

13.0640, 6.3774, 7.8369

Protanomaly

11.3400, 7.7204, -2.9292

Deuteranomaly

12.5960, 6.1152, -1.3997

Tritanomaly

13.5000, 1.7255, 6.5775

Monochromacy



Original Color

13.0640, 6.3774, 7.8369

Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

12.7060, 2.6099, 2.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.0640, 6.3774, 7.8369 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(22, 6, 26)` looks like.

```
.text, #text, p{  
    color:rgb(22, 6, 26)  
}
```

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(22, 6, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 6, 26) }
```

Border

The CSS property to change the border of an element to YUV 13.0640, 6.3774, 7.8369 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(22, 6, 26) }
```


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

```
.border{ border-color:rgb(22, 6, 26) }
```

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

Here you see how a box with a 4 pixel rgb(22, 6, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 6, 26); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 6, 26); box-shadow:4px  
4px 4px 4px rgb(22, 6, 26) }
```

Background

The CSS property to change the background color of an element to YUV 13.0640, 6.3774, 7.8369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 6, 26) }
```

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

```
.background{ background-color: rgb(22, 6,  
26) }
```

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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