

Converting Colors

YUV(13.2310, 9.7461, 0.6744)

Have a look what the booklet for
YUV(13.2310, 9.7461, 0.6744)
contains.

YUV(13.2310, 9.7461, 0.6744)	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>	30

Color

**YUV(13.2310, 9.7461,
0.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	0E0921
RGB	14, 9, 33
RGB Percent	5%, 4%, 13%
CMY	0.9451, 0.9647, 0.8706
CMYK	0.58, 0.73, 0.00, 0.87
HSL	252°, 57%, 8%
HSV	252°, 73%, 13%
XYZ	0.5533, 0.3985, 1.4866
YIQ	13.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

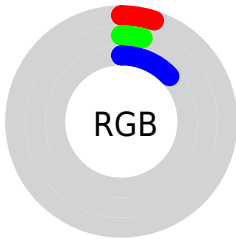
Format	Color
R_{YB}	14, 9, 33
Decimal	919841
CIE _{Lab}	3.60, 7.15, -14.01
CIE _{LCh}	4, 15.727, 297.034
Yxy	0.3985, 0.2269, 0.1634
Android (android.graphics.Color)	4279109921 (0xFF0E0921)
YUV	13.2310, 9.7461, 0.6744
Hunter-Lab	6.3130, 4.5968, -9.5427

Details

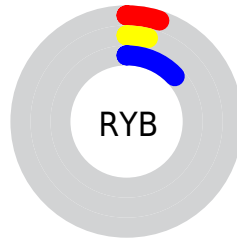
The YUV color **13.2310, 9.7461, 0.6744** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **28.7690, -9.7461, -0.6744**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **57.2200, 9.7515, -1.0699**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.5730, 11.0565, 0.3745**, and if you desaturate by 10%, it is **15.8890, 8.4357, 0.9743**.

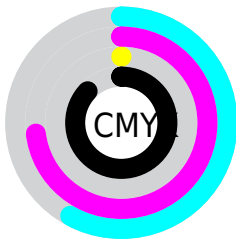
Distribution



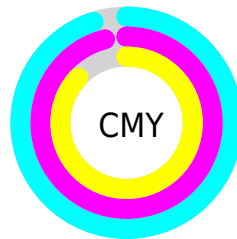
- Red (5%)
- Green (4%)
- Blue (13%)



- Red (5%)
- Yellow (4%)
- Blue (13%)



- Cyan (58%)
- Magenta (73%)
- Yellow (0%)
- Black (87%)



- Cyan (95%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.2310, 9.7461, 0.6744 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 13.2310, 9.7461, 0.6744 by changing the saturation by 10% instead.

■ 13.2310, 9.7461,
0.6744

■ 13.2310, 9.7461,
0.6744

■ 237.0030, 8.8725,
0.8744

■ 0.7980, 3.0576,
-0.6998

■ 57.2200, 9.7515,
-1.0699

■ 0.0000, 0.0000,
0.0000

■ 79.7470, 10.4777,
-0.6551

■ 104.1600, 10.7671,
-0.1403

■ 129.2740, 11.2039,
-0.2403

■ 155.3880, 11.6407,
-0.3403

■ 182.3880, 11.6407,

-0.3403

■ 209.6160, 12.5143,
-0.5402

■ 13.2310, 9.7461,
0.6744

■ 13.2310, 9.7461,
0.6744

■ 10.5730, 11.0565,
0.3745

■ 15.8890, 8.4357,
0.9743

■ 7.6270, 12.5089,
1.2041

■ 18.8350, 6.9833,
0.1447

■ 5.8550, 13.3825,
1.0042

■ 21.4930, 5.6730,
0.4446

■ 23.8520, 4.5100,
0.1298

■ 27.0970, 2.9102,
-0.0851

■ 29.7550, 1.5998,
0.2149

■ 32.1140, 0.4368,
-0.1000

■ 34.7720, -0.8736,
0.2000

■ 38.0170, -2.4734,
-0.0149

Harmonies

Analogous

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



12.7950, 10.9471, -11.2212



13.2310, 9.7461, 0.6744



13.6840, 6.0718, 12.5551

Triad

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



13.2310, 9.7461, 0.6744



12.4920, -6.1586, 15.3545



13.4670, -1.7092, -11.8106

Complementary

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



13.2310, 9.7461, 0.6744



28.7690, -9.7461, -0.6744

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.



11.7400, -5.7878, -10.2960



13.2310, 9.7461, 0.6744



13.0240, -6.4208, 6.1180

Square

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



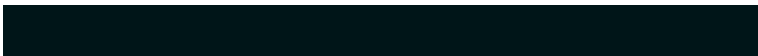
13.2310, 9.7461, 0.6744



11.9380, -5.8854, 21.1024



10.5770, -5.2145, -7.5220



15.0630, 4.4059, -13.2103

Rectangle

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



13.2310, 9.7461, 0.6744



13.3210, 3.2927, 17.2585



10.5770, -5.2145, -7.5220



12.7830, -4.3300, -11.2107

Sweetspot

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



13.2310, 9.7461, 0.6744



35.6240, 3.6364, 0.3298



22.8890, 4.9847, -12.1807



17.9830, 2.4734, 0.0149



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



13.2310, 9.7461, 0.6744



12.3110, 15.1297, 0.6043



16.8190, 7.9772, 8.0517



14.1140, 0.4368, -0.1000



13.7900, 32.1485, 1.9382



36.4550, 84.0787, 5.7400

Inverse Universe

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



18.3420, 4.7614, 12.8551



20.3690, 7.2131, 19.8474



25.1810, -7.9772, -8.0517



14.4130, 0.2894, 0.5148



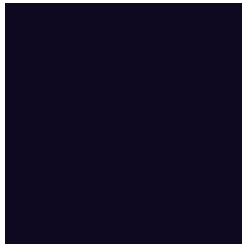
30.8030, 15.8731, 42.2688



80.5890, 41.1216, 110.8624

Previews

White Background



This preview shows how the YUV color 13.2310, 9.7461, 0.6744 looks on a white background.

Color Contrast Check

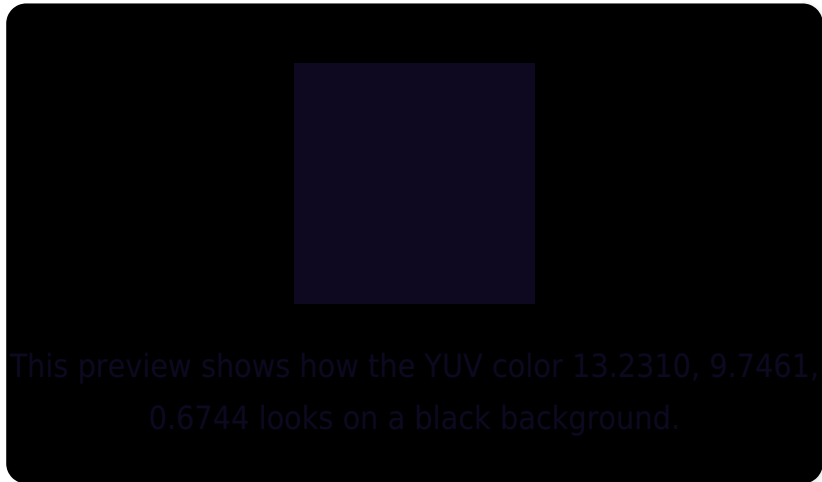
Large Text (above 18pt) WCAG AA ✓ Pass

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

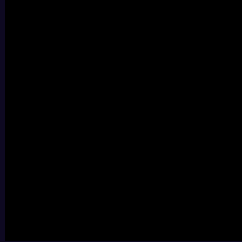
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 13.2310, 9.7461, 0.6744

Background



This preview shows how black text looks on a background with the YUV color 13.2310, 9.7461, 0.6744.



This preview shows how white text looks on a background with the YUV color 13.2310, 9.7461,

0.6744.

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

13.2310, 9.7461, 0.6744

Protanopia

10.8230, 8.4683, -9.4918

Tritanopia

12.7220, 1.6161, -5.0182

Trichromacy



Original Color

13.2310, 9.7461, 0.6744

Protanomaly

11.9590, 8.8942, -6.1030

Tritanomaly

13.1290, 4.3734, -2.7441

Monochromacy



Original Color

13.2310, 9.7461, 0.6744

Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

13.2110, 3.3470, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.2310, 9.7461, 0.6744 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(14, 9, 33)` looks like.

```
.text, #text, p{  
    color:rgb(14, 9, 33)  
}
```

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(14, 9, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 9, 33) }
```

Border

The CSS property to change the border of an element to YUV 13.2310, 9.7461, 0.6744 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(14, 9, 33) }
```

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

```
.border{ border-color:rgb(14, 9, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 9, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 9, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(14, 9, 33); box-shadow:4px  
4px 4px 4px rgb(14, 9, 33) }
```


Background

The CSS property to change the background color of an element to YUV 13.2310, 9.7461, 0.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 9, 33) }
```

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

```
.background{ background-color: rgb(14, 9,  
33) }
```

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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