

Converting Colors

YUV(24.0370, 3.9258, 0.8446)

Have a look what the booklet for
YUV(24.0370, 3.9258, 0.8446)
contains.

YUV(24.0370, 3.9258, 0.8446)	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(24.0370, 3.9258,
0.8446)**

Conversions

Conversions Part 1

Format	Color
Hex	191620
RGB	25, 22, 32
RGB Percent	10%, 9%, 13%
CMY	0.9020, 0.9137, 0.8745
CMYK	0.22, 0.31, 0.00, 0.87
HSL	258°, 19%, 11%
HSV	258°, 31%, 13%
XYZ	0.9485, 0.8848, 1.4873
YIQ	24.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

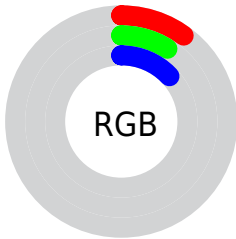
Format	Color
R_{YB}	25, 22, 32
Decimal	1644064
CIE Lab	7.99, 4.23, -6.44
CIE LCh	8, 7.710, 303.310
Yxy	0.8848, 0.2856, 0.2665
Android (android.graphics.Color)	4279834144 (0xFF191620)
YUV	24.0370, 3.9258, 0.8446
Hunter-Lab	9.4063, 1.5389, -2.7904

Details

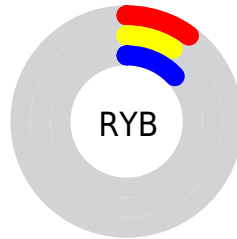
The YUV color **24.0370, 3.9258, 0.8446** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **29.9630, -3.9258, -0.8446**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.5640, 4.6519, 1.2594**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.6780, 5.0887, 1.1594**, and if you desaturate by 10%, it is **26.3960, 2.7628, 0.5297**.

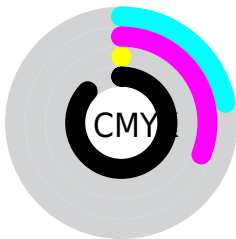
Distribution



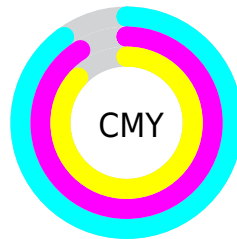
- Red (10%)
- Green (9%)
- Blue (13%)



- Red (10%)
- Yellow (9%)
- Blue (13%)



- Cyan (22%)
- Magenta (31%)
- Yellow (0%)
- Black (87%)



- Cyan (90%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.0370, 3.9258, 0.8446 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 24.0370, 3.9258, 0.8446 by changing the saturation by 10% instead.

■ 24.0370, 3.9258,
0.8446

■ 24.0370, 3.9258,
0.8446

■ 249.4070, 2.7573,
2.2741

■ 0.7980, 3.0576,
-0.6998

■ 66.5640, 4.6519,
1.2594

■ 0.0000, 0.0000,
0.0000

■ 90.5640, 4.6519,
1.2594

■ 114.6780, 5.0887,
1.1594

■ 140.0910, 5.3781,
1.6742

■ 166.6780, 5.0887,
1.1594

■ 193.7920, 5.5255,

1.0594

■ 221.7920, 5.5255,
1.0594

■ 24.0370, 3.9258,
0.8446

■ 24.0370, 3.9258,
0.8446

■ 21.6780, 5.0887,
1.1594

■ 26.3960, 2.7628,
0.5297

■ 19.3190, 6.2517,
1.4742

■ 28.7550, 1.5998,
0.2149

■ 16.0740, 7.8515,
1.6891

■ 32.0000, 0.0000,
0.0000

■ 13.7150, 9.0145,
2.0039

■ 34.3590, -1.1630,
-0.3148

■ 11.3560, 10.1775,
2.3188

■ 36.7180, -2.3260,
-0.6297

■ 8.9970, 11.3405,
2.6336

■ 39.0770, -3.4890,
-0.9445

■ 6.6380, 12.5035,
2.9485

■ 41.7350, -4.7994,
-0.6446

■ 44.6810, -6.2517,
-1.4742

■ 47.0400, -7.4147,
-1.7891

Harmonies

Analogous

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



23.3460, 5.2524, -4.6884



24.0370, 3.9258, 0.8446



24.2010, 1.8729, 5.9627

Triad

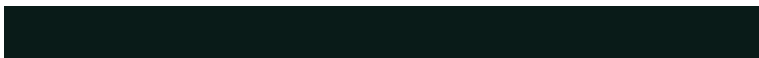
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.0370, 3.9258, 0.8446



23.8500, -5.8420, 7.1476



21.2760, 1.3429, -10.7661

Complementary

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



24.0370, 3.9258, 0.8446



29.9630, -3.9258, -0.8446

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.



21.7990, -1.8729, -5.9627



24.0370, 3.9258, 0.8446



22.7140, -6.2680, 3.7588

Square

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



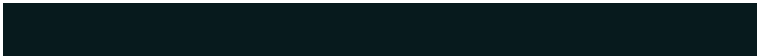
24.0370, 3.9258, 0.8446



23.8440, -3.3741, 8.9068



22.4360, -4.6519, -1.2594



20.6610, 4.1111, -11.9807

Rectangle

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



24.0370, 3.9258, 0.8446



24.4570, 0.2677, 7.4922



22.4360, -4.6519, -1.2594



20.7600, 0.6113, -9.4365

Sweetspot

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



24.0370, 3.9258, 0.8446



37.7550, 1.5998, 0.2149



27.2490, 2.3422, -4.6034



18.5270, 0.7262, 0.4148



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.



24.0370, 3.9258, 0.8446



28.3190, 6.2517, 1.4742



25.5320, 3.1887, 3.9184



14.1140, 0.4368, -0.1000



16.1820, 30.9693, 6.8564



42.1360, 81.2780, 17.4207

Inverse Universe

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



25.7880, 1.5835, 5.4479



31.0380, 2.4463, 8.7367



28.4680, -3.1887, -3.9184



14.4130, 0.2894, 0.5148



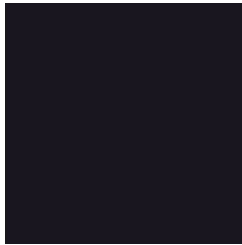
29.8910, 12.3787, 43.0686



78.4230, 32.8225, 112.7620

Previews

White Background



This preview shows how the YUV color 24.0370, 3.9258, 0.8446 looks on a white background.

Color Contrast Check

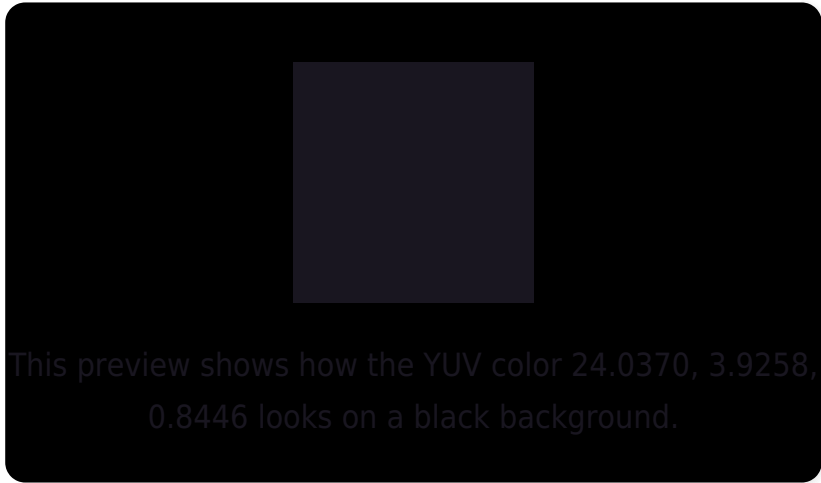
Large Text (above 18pt) WCAG AA ✓ Pass

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

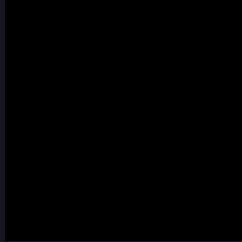
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.0370, 3.9258, 0.8446

Background



This preview shows how black text looks on a background with the YUV color 24.0370, 3.9258, 0.8446.



This preview shows how white text looks on a background with the YUV color 24.0370, 3.9258,

0.8446.

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

24.0370, 3.9258, 0.8446

Protanopia

23.5420, 4.6628, -2.2293

Deuteranopia

23.4280, 4.2260, -2.1294



Tritanopia

23.5270, 0.7262, 0.4148

Trichromacy



Original Color

24.0370, 3.9258, 0.8446

Protanomaly

23.8410, 4.5154, -1.6146

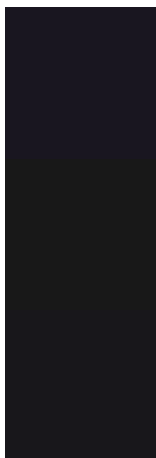
Deuteranomaly

23.7270, 4.0786, -1.5146

Tritanomaly

23.8690, 2.0366, 0.1149

Monochromacy



Original Color

24.0370, 3.9258, 0.8446

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.0370, 3.9258, 0.8446 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(25, 22, 32)` looks like.

```
.text, #text, p{  
    color:rgb(25, 22, 32)  
}
```

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(25, 22, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 22, 32) }
```

Border

The CSS property to change the border of an element to YUV 24.0370, 3.9258, 0.8446 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(25, 22, 32) }
```


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

```
.border{ border-color:rgb(25, 22, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 22, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 22, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 22, 32);  
box-shadow:4px 4px 4px 4px rgb(25, 22, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.0370, 3.9258, 0.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 22, 32) }
```

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

```
.background{ background-color: rgb(25, 22,  
32) }
```

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