

Converting Colors

YUV(24.2030, 2.3649, 34.9020)

Have a look what the booklet for
YUV(24.2030, 2.3649, 34.9020)
contains.

YUV(24.2030, 2.3649, 34.9020)	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(24.2030, 2.3649,
34.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	40031D
RGB	64, 3, 29
RGB Percent	25%, 1%, 11%
CMY	0.7490, 0.9882, 0.8863
CMYK	0.00, 0.95, 0.55, 0.75
HSL	334°, 91%, 13%
HSV	334°, 95%, 25%
XYZ	2.3687, 1.2438, 1.2776
YIQ	24.2030, 28.0100, 21.0180

Conversions

Conversions Part 2

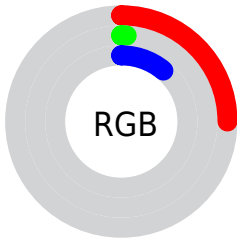
Format	Color
RYB	64, 3, 29
Decimal	4195101
CIELab	10.88, 30.20, 0.89
CIELCh	11, 30.212, 1.691
Yxy	1.2438, 0.4844, 0.2544
Android (android.graphics.Color)	4282385181 (0xFF40031D)
YUV	24.2030, 2.3649, 34.9020
Hunter-Lab	11.1527, 18.3939, 1.0147




Details

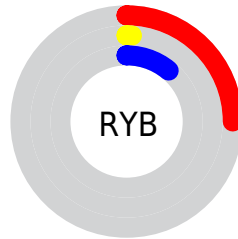
The YUV color **24.2030, 2.3649, 34.9020** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.7970, -2.3649, -34.9020**, and the grayscale version is **24.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **73.1170, -0.5507, 36.7314**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.2140, 2.3595, 36.6463**, and if you desaturate by 10%, it is **28.1810, 2.3758, 31.4133**.

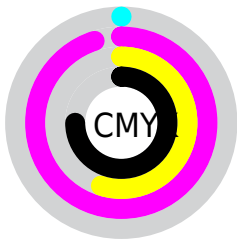
Distribution







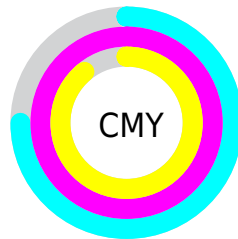
-  Red (25%)
-  Green (1%)
-  Blue (11%)






-  Red (25%)
-  Yellow (1%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (95%)
-  Yellow (55%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (99%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.2030, 2.3649, 34.9020 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 24.2030, 2.3649, 34.9020 by changing the saturation by 10% instead.

■ 24.2030, 2.3649,
34.9020

■ 24.2030, 2.3649,
34.9020

■ 243.8470, 5.4984,
9.7812

■ 13.3840, -5.6123,
26.8502

■ 73.1170, -0.5507,
36.7314

■ 0.0000, 0.0000,
0.0000

■ 98.0140, -0.9929,
38.5757


■ 123.9110, -1.4351,
40.4201


■ 150.3950, -2.1667,
41.7496


■ 177.1070, -2.0248,
42.8792


■ 204.7050, -2.3196,


44.1087

 224.3330, 1.8078,
26.8950


 24.2030, 2.3649,
34.9020


 24.2030, 2.3649,
34.9020

 22.2140, 2.3595,
36.6463

 28.1810, 2.3758,
31.4133

 32.6320, 1.6604,
27.5097

 36.6100, 1.6713,
24.0210

 41.1750, 1.3927,
20.0175

 45.0390, 0.9668,
16.6288

■ 49.0170, 0.9776,
13.1401

■ 53.5820, 0.6991,
9.1366

■ 57.4460, 0.2731,
5.7479

■ 62.0110, -0.0054,
1.7444

Harmonies

Analogous

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



28.1890, 10.2598, 22.6362



24.2030, 2.3649, 34.9020



23.8750, -10.2914, 34.3126

Triad

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



24.2030, 2.3649, 34.9020



25.0410, -12.3452, -7.0520



28.6560, 18.4106, -25.1313

Complementary

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



24.2030, 2.3649, 34.9020



42.7970, -2.3649, -34.9020

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.



28.0060, 10.8430, -24.5613



24.2030, 2.3649, 34.9020



22.0610, -9.3971, -19.3475

Square

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



24.2030, 2.3649, 34.9020



28.0860, -13.8464, 7.8176



26.3130, 1.8177, -23.0765



26.8780, 21.7521, -23.5720

Rectangle

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



24.2030, 2.3649, 34.9020



26.4350, -13.0325, 26.8055



26.3130, 1.8177, -23.0765



28.6730, 15.9372, -25.1462

Sweetspot

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



24.2030, 2.3649, 34.9020



68.3160, 0.8302, 13.7549



20.4190, 21.4854, 15.4185



33.2830, 0.8465, 8.5218



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



24.2030, 2.3649, 34.9020



29.2200, 3.3425, 48.0421



23.5870, -10.1494, 35.4422



31.0110, -0.0054, 1.7444



33.6770, 3.6102, 55.5343



77.9200, 8.9134, 128.1122

Inverse Universe

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



24.2030, 2.3649, 34.9020



29.2200, 3.3425, 48.0421



43.4130, 10.1494, -35.4422



31.0110, -0.0054, 1.7444



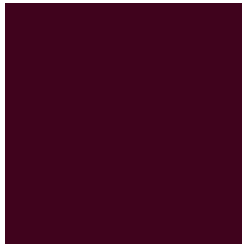
33.6770, 3.6102, 55.5343



77.9200, 8.9134, 128.1122

Previews

White Background



This preview shows how the YUV color 24.2030, 2.3649, 34.9020 looks on a white background.

Color Contrast Check

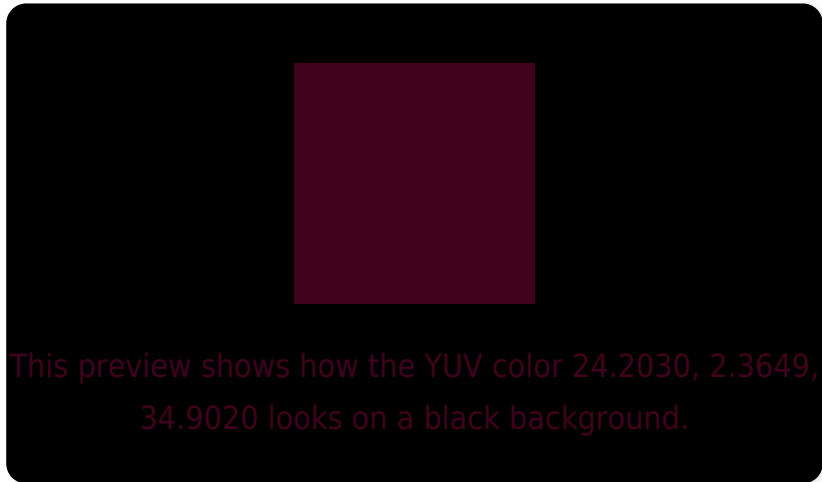
Large Text (above 18pt) WCAG AA ✓ Pass

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

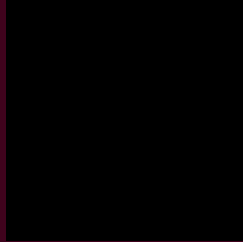
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.2030, 2.3649, 34.9020

Background



This preview shows how black text looks on a background with the YUV color 24.2030, 2.3649, 34.9020.



This preview shows how white text looks on a background with the YUV color 24.2030, 2.3649,

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

24.2030, 2.3649, 34.9020

Protanopia

33.4280, 4.2260, -2.1294

Deuteranopia

33.4090, -3.6526, 4.9033



Tritanopia

27.2490, -7.5178, 31.3536

Trichromacy



Original Color

24.2030, 2.3649, 34.9020

Protanomaly

29.9890, 3.4564, 11.4106

Deuteranomaly

29.7570, -1.3592, 15.9991

Tritanomaly

26.1720, -4.0288, 32.2982

Monochromacy



Original Color

24.2030, 2.3649, 34.9020

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.0170, 0.9776, 13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.2030, 2.3649, 34.9020 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(64, 3, 29)` looks like.

```
.text, #text, p{  
    color:rgb(64, 3, 29)  
}
```

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(64, 3, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 3, 29) }
```

Border

The CSS property to change the border of an element to YUV 24.2030, 2.3649, 34.9020 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(64, 3, 29) }
```


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

```
.border{ border-color:rgb(64, 3, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 3, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 3, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 3, 29); box-shadow:4px  
4px 4px 4px rgb(64, 3, 29) }
```

Background

The CSS property to change the background color of an element to YUV 24.2030, 2.3649, 34.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 3, 29) }
```

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

```
.background{ background-color: rgb(64, 3,  
29) }
```

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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