

Converting Colors

YUV(38.1490, 0.9125, 34.0723)

Have a look what the booklet for
YUV(38.1490, 0.9125, 34.0723)
contains.

YUV(38.1490, 0.9125, 34.0723)	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(38.1490, 0.9125,
34.0723)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1228
RGB	77, 18, 40
RGB Percent	30%, 7%, 16%
CMY	0.6980, 0.9294, 0.8431
CMYK	0.00, 0.77, 0.48, 0.70
HSL	338°, 62%, 19%
HSV	338°, 77%, 30%
XYZ	3.6599, 2.1636, 2.2322
YIQ	38.1490, 28.1020, 19.3500

Conversions

Conversions Part 2

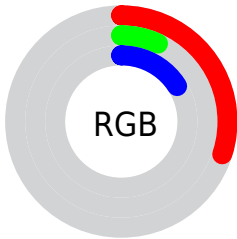
Format	Color
RYB	77, 18, 40
Decimal	5050920
CIELab	16.32, 29.52, 0.99
CIELCh	16, 29.533, 1.925
Yxy	2.1636, 0.4543, 0.2686
Android (android.graphics.Color)	4283241000 (0xFF4D1228)
YUV	38.1490, 0.9125, 34.0723
Hunter-Lab	14.7092, 18.6727, 1.2988




Details

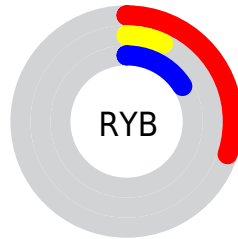
The YUV color **38.1490, 0.9125, 34.0723** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **56.8510, -0.9125, -34.0723**, and the grayscale version is **38.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **87.0030, -0.9875, 36.8314**, and **8.1870, -3.5432, 16.4990** is the 20% darker color. If you saturate the color by 10%, you get **32.8830, 1.0437, 38.6906**, and if you desaturate by 10%, it is **43.4150, 0.7814, 29.4540**.

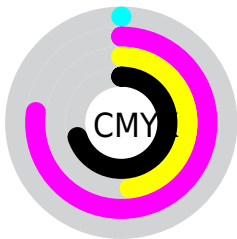
Distribution







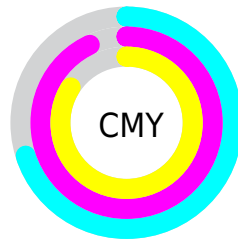
-  Red (30%)
-  Green (7%)
-  Blue (16%)






-  Red (30%)
-  Yellow (7%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (77%)
-  Yellow (48%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (93%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.1490, 0.9125, 34.0723 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 38.1490, 0.9125, 34.0723 by changing the saturation by 10% instead.

■ 38.1490, 0.9125,
34.0723

■ 38.1490, 0.9125,
34.0723

■ 253.8260, 0.5788,
1.0296

■ 17.7140, 0.6340,
30.0688

■ 87.0030, -0.9875,
36.8314

■ 8.1870, -3.5432,
16.4990

■ 111.9000, -1.4297,
38.6757

■ 0.0000, 0.0000,
0.0000

■ 137.7970, -1.8719,
40.5200

■ 164.3950, -2.1667,
41.7496

■ 191.9930, -2.4615,
42.9791


■ 215.8070, -0.3979,


34.3723


 235.5490, 4.1663,
17.0585

 38.1490, 0.9125,
34.0723

 38.1490, 0.9125,
34.0723


 32.8830, 1.0437,
38.6906


 43.4150, 0.7814,
29.4540

 28.2040, 0.8854,
42.7941

 48.0940, 0.9397,
25.3506

 26.3290, 1.3168,
44.4385

 53.2460, 0.3717,
20.8323

 58.5120, 0.2406,
16.2140

 63.7780, 0.1094,
11.5957

■ 68.4570, 0.2677,
7.4922

■ 73.7230, 0.1366,
2.8739

■ 78.9890, 0.0054,
-1.7444

■ 83.5540, -0.2731,
-5.7479

Harmonies

Analogous

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



40.7760, 9.9704, 22.1214



38.1490, 0.9125, 34.0723



37.8040, -9.2704, 33.4979

Triad

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



38.1490, 0.9125, 34.0723



35.0860, -17.2974, -5.3374



36.9540, 19.7427, -32.4087

Complementary

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



38.1490, 0.9125, 34.0723



56.8510, -0.9125, -34.0723

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.



36.4180, 12.6119, -31.9386



38.1490, 0.9125, 34.0723



30.9290, -5.8810, -27.1247

Square

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



38.1490, 0.9125, 34.0723



38.4300, -18.9460, 10.1469



34.0240, 3.4392, -29.8390



34.7030, 23.8104, -30.4345

Rectangle

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



38.1490, 0.9125, 34.0723



37.7080, -17.1110, 28.3201



34.0240, 3.4392, -29.8390



37.0850, 17.7061, -32.5235

Sweetspot

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



38.1490, 0.9125, 34.0723



84.4900, 0.2514, 12.7253



35.4900, 20.4644, 16.2333



41.7560, 0.1203, 8.1070



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



38.1490, 0.9125, 34.0723



39.0850, 1.4371, 52.5455



39.7500, -10.7227, 32.6683



35.4240, 0.2840, 2.2592



34.8300, 1.5628, 58.9081



78.5740, 3.6610, 132.8006

Inverse Universe

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



38.1490, 0.9125, 34.0723



39.0850, 1.4371, 52.5455



55.2500, 10.7228, -32.6682



35.4240, 0.2840, 2.2592



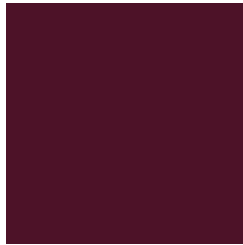
34.8300, 1.5628, 58.9081



78.5740, 3.6610, 132.8006

Previews

White Background



This preview shows how the YUV color 38.1490, 0.9125, 34.0723 looks on a white background.

Color Contrast Check

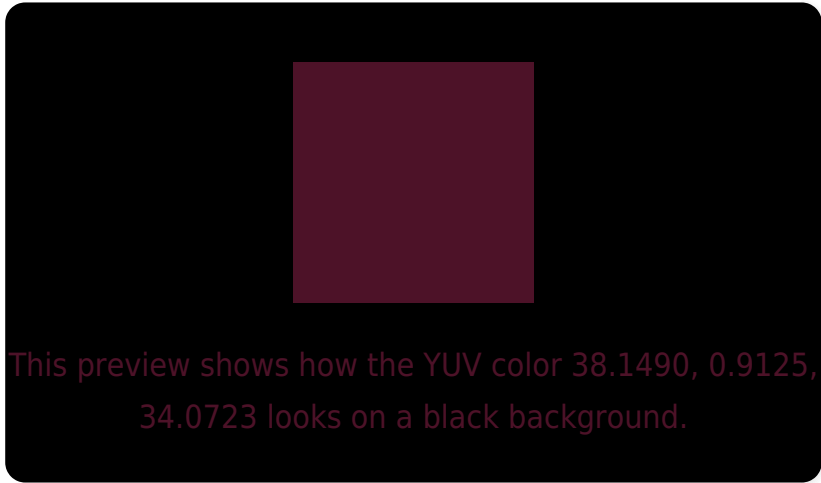
Large Text (above 18pt) WCAG AA ✓ Pass

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

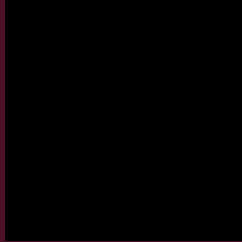
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.1490, 0.9125, 34.0723

Background



This preview shows how black text looks on a background with the YUV color 38.1490, 0.9125, 34.0723.



This preview shows how white text looks on a background with the YUV color 38.1490, 0.9125,

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

38.1490, 0.9125, 34.0723

Protanopia

42.3570, 5.2470, -2.9441

Deuteranopia

42.6370, -2.7790, 4.7034



Tritanopia

38.2600, -7.5232, 33.0980

Trichromacy



Original Color

38.1490, 0.9125, 34.0723

Protanomaly

40.6900, 3.6038, 10.7959

Deuteranomaly

41.3440, -1.6486, 15.4843

Tritanomaly

38.3570, -4.6130, 33.0129

Monochromacy



Original Color

38.1490, 0.9125, 34.0723

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.1910, 0.3988, 12.1105

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.1490, 0.9125, 34.0723 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(77, 18, 40)` looks like.

```
.text, #text, p{  
    color:rgb(77, 18, 40)  
}
```

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(77, 18, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 18, 40) }
```

Border

The CSS property to change the border of an element to YUV 38.1490, 0.9125, 34.0723 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(77, 18, 40) }
```


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

```
.border{ border-color:rgb(77, 18, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 18, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 18, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 18, 40);  
box-shadow:4px 4px 4px 4px rgb(77, 18, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.1490, 0.9125, 34.0723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 18, 40) }
```

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

```
.background{ background-color: rgb(77, 18,  
40) }
```

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