

Converting Colors

YUV(38.2300, 14.6766, 5.9373)

Have a look what the booklet for
YUV(38.2300, 14.6766, 5.9373)
contains.

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Color

**YUV(38.2300, 14.6766,
5.9373)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2D1D44 |
| RGB | 45, 29, 68 |
| RGB Percent | 18%, 11%, 27% |
| CMY | 0.8235, 0.8863, 0.7333 |
| CMYK | 0.34, 0.57, 0.00, 0.73 |
| HSL | 265°, 40%, 19% |
| HSV | 265°, 57%, 27% |
| XYZ | 2.5649, 1.8540, 5.6915 |
| YIQ | 38.2300, -2.9830, 15.5210 |

Conversions

Conversions Part 2

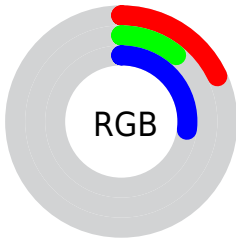
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 45, 29, 68 |
| Decimal | 2956612 |
| CIELab | 14.70, 17.64, -21.85 |
| CIElCh | 15, 28.079, 308.920 |
| Yxy | 1.8540, 0.2537, 0.1834 |
| Android (android.graphics.Color) | 4281146692 (0xFF2D1D44) |
| YUV | 38.2300, 14.6766, 5.9373 |
| Hunter-Lab | 13.6161, 9.7970, -15.2519 |

Details

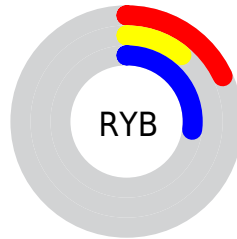
The YUV color **38.2300, 14.6766, 5.9373** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **58.7700, -14.6766, -5.9373**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.5830, 15.9816, 7.3817**, and **3.3230, 10.1938, -2.9143** is the 20% darker color. If you saturate the color by 10%, you get **32.9250, 17.2920, 7.0818**, and if you desaturate by 10%, it is **43.5350, 12.0612, 4.7928**.

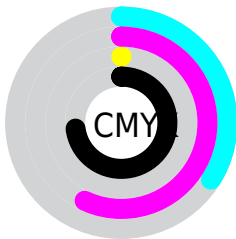
Distribution



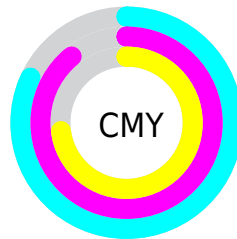
- Red (18%)
- Green (11%)
- Blue (27%)



- Red (18%)
- Yellow (11%)
- Blue (27%)



- Cyan (34%)
- Magenta (57%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2300, 14.6766, 5.9373 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 38.2300, 14.6766, 5.9373 by changing the saturation by 10% instead.

■ 38.2300, 14.6766,
5.9373

■ 38.2300, 14.6766,
5.9373

■ 255.0000, 0.0000,
0.0000

■ 15.9420, 14.8186,
7.0669

■ 83.5830, 15.9816,
7.3817

■ 3.3230, 10.1938,
-2.9143

■ 108.1100, 16.7078,
7.7965

■ 0.0000, 0.0000,
0.0000

■ 133.6370, 17.4340,
8.2114

■ 160.0500, 17.7234,
8.7262

■ 187.4630, 18.0127,
9.2409

■ 214.9900, 18.7389,

9.6558

240.3250, 7.2348,
12.8700

38.2300, 14.6766,
5.9373

38.2300, 14.6766,
5.9373

32.9250, 17.2920,
7.0818

43.5350, 12.0612,
4.7928

27.6200, 19.9073,
8.2263

48.8400, 9.4459,
3.6483

22.9020, 22.2333,
8.8559

53.5580, 7.1199,
3.0186

17.5970, 24.8487,
10.0004

58.8630, 4.5045,
1.8741

16.1240, 25.5749,
10.4153

64.1680, 1.8892,
0.7297

■ 69.4730, -0.7262,
-0.4148

■ 74.7780, -3.3416,
-1.5593

■ 79.4960, -5.6675,
-2.1890

■ 84.8010, -8.2829,
-3.3335

Harmonies

Analogous

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



30.3830, 22.4892, -26.6459



38.2300, 14.6766, 5.9373



37.1030, 7.3442, 24.4657

Triad

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



38.2300, 14.6766, 5.9373



35.5390, -17.5207, 19.6983



31.9040, 5.4703, -27.9798

Complementary

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



38.2300, 14.6766, 5.9373



58.7700, -14.6766, -5.9373

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.



28.9230, -3.4130, -25.3655



38.2300, 14.6766, 5.9373



34.8640, -17.1880, 6.2583

Square

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



38.2300, 14.6766, 5.9373



34.7990, -11.7329, 29.9943



31.5200, -15.5394, -9.2260



33.9560, 13.3327, -29.7794

Rectangle

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



38.2300, 14.6766, 5.9373



35.0670, 1.9390, 31.5132



31.5200, -15.5394, -9.2260



31.1060, 2.4127, -27.2800

Sweetspot

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



38.2300, 14.6766, 5.9373



77.5040, 5.6675, 2.1890



46.9470, 10.3791, -15.7395



38.9230, 3.4890, 0.9445



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



38.2300, 14.6766, 5.9373



42.4290, 22.9595, 9.2708



43.9110, 11.8759, 17.6181



30.6410, 1.1630, 0.3148



23.0180, 36.4731, 14.8932



53.0440, 84.2813, 34.1644

Inverse Universe

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



43.2830, 4.2975, 21.6768



50.3430, 6.7329, 33.9022



53.0890, -11.8759, -17.6181



31.1250, 0.4314, 1.6444



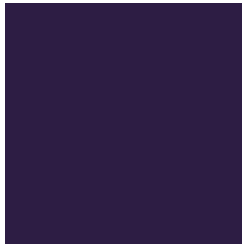
35.5010, 10.5990, 53.9346



82.0240, 24.6382, 124.5130

Previews

White Background



This preview shows how the YUV color 38.2300, 14.6766, 5.9373 looks on a white background.

Color Contrast Check

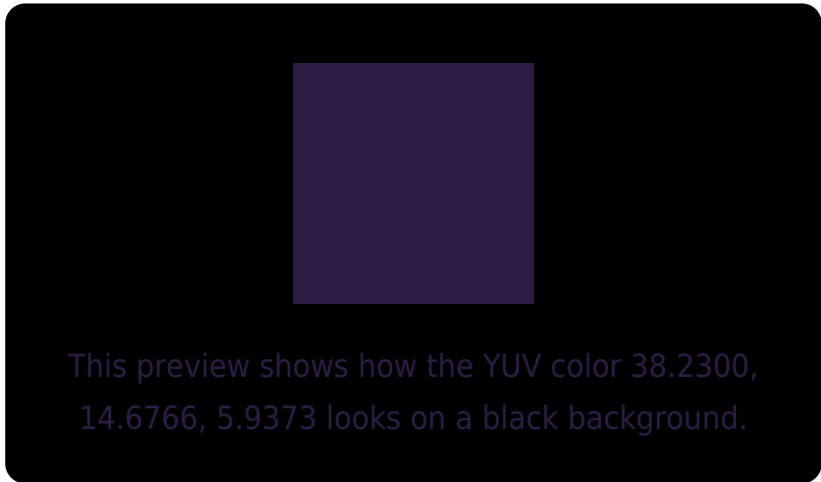
Large Text (above 18pt) WCAG AA ✓ Pass

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

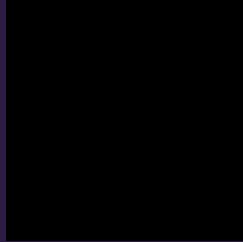
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2300, 14.6766, 5.9373

Background



This preview shows how black text looks on a background with the YUV color 38.2300, 14.6766, 5.9373.



This preview shows how white text looks on a background with the YUV color 38.2300, 14.6766,

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

38.2300, 14.6766, 5.9373

Protanopia

32.7860, 21.3045, -19.9833

Deuteranopia

33.7170, 15.9155, -18.1688



Tritanopia

37.9400, 1.0156, 0.9296

Trichromacy



Original Color

38.2300, 14.6766, 5.9373

Protanomaly

34.5700, 18.9460, -10.1469

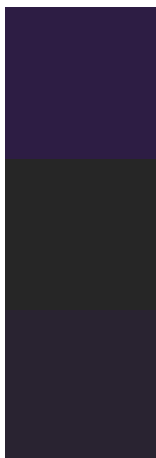
Deuteranomaly

35.6580, 15.4516, -9.3471

Tritanomaly

37.9170, 5.9569, 2.7038

Monochromacy



Original Color

38.2300, 14.6766, 5.9373

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.3900, 5.2307, 2.2890

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2300, 14.6766, 5.9373 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(45, 29, 68)` looks like.

```
.text, #text, p{  
    color:rgb(45, 29, 68)  
}
```

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(45, 29, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 29, 68) }
```

Border

The CSS property to change the border of an element to YUV 38.2300, 14.6766, 5.9373 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(45, 29, 68) }
```


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

```
.border{ border-color:rgb(45, 29, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 29, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 29, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 29, 68);  
box-shadow:4px 4px 4px 4px rgb(45, 29, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.2300, 14.6766, 5.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 29, 68) }
```

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

```
.background{ background-color: rgb(45, 29,  
68) }
```

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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