

Converting Colors

YUV(18.0430, 8.3598, 25.3953)

Have a look what the booklet for
YUV(18.0430, 8.3598, 25.3953)
contains.

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Color

**YUV(18.0430, 8.3598,
25.3953)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0023
RGB	47, 0, 35
RGB Percent	18%, 0%, 14%
CMY	0.8157, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.26, 0.82
HSL	315°, 100%, 9%
HSV	315°, 100%, 18%
XYZ	1.4757, 0.7257, 1.6524
YIQ	18.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

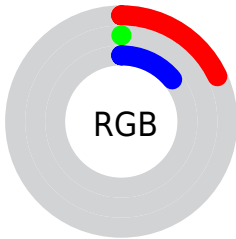
Format	Color
R_{YB}	47, 0, 35
Decimal	3080227
CIE Lab	6.56, 27.51, -10.63
CIE LCh	7, 29.496, 338.879
Yxy	0.7257, 0.3829, 0.1883
Android (android.graphics.Color)	4281270307 (0xFF2F0023)
YUV	18.0430, 8.3598, 25.3953
Hunter-Lab	8.5187, 16.0130, -5.5376

Details

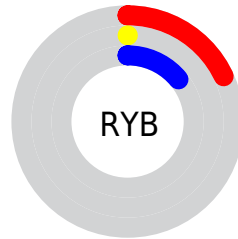
The YUV color **18.0430, 8.3598, 25.3953** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28.9570, -8.3598, -25.3953**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.4130, 7.1914, 26.8248**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.0430, 8.3598, 25.3953**, and if you desaturate by 10%, it is **21.0920, 7.3496, 22.7213**.

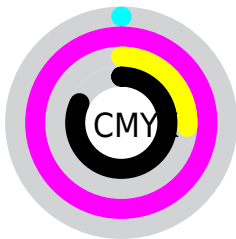
Distribution



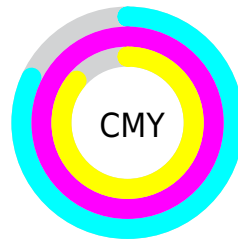
- Red (18%)
- Green (0%)
- Blue (14%)



- Red (18%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (82%)



- Cyan (82%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.0430, 8.3598, 25.3953 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 18.0430, 8.3598, 25.3953 by changing the saturation by 10% instead.

■ 18.0430, 8.3598,
25.3953

■ 18.0430, 8.3598,
25.3953

■ 238.5640, 8.1029,
14.4144

■ 8.2450, 1.8512,
12.9401

■ 64.4130, 7.1914,
26.8248

■ 0.0000, 0.0000,
0.0000

■ 88.5380, 7.6228,
28.4692

■ 113.2500, 7.7648,
29.5988

■ 139.5490, 7.6173,
30.2135

■ 166.2610, 7.7593,
31.3431

■ 193.2720, 7.7539,

33.0875

■ 220.0760, 8.3435,
30.6283

■ 18.0430, 8.3598,
25.3953

■ 21.0920, 7.3496,
22.7213

■ 23.5540, 6.6289,
20.5621

■ 26.7170, 6.0555,
17.7882

■ 29.7660, 5.0454,
15.1142

■ 32.8150, 4.0352,
12.4402

■ 35.2770, 3.3144,
10.2811

■ 38.3260, 2.3043,
7.6071

■ 41.4890, 1.7309,
4.8331

■ 43.9510, 1.0102,
2.6740

Harmonies

Analogous

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



20.9310, 14.8240, 5.3225



18.0430, 8.3598, 25.3953



17.4430, -1.6974, 31.1835

Triad

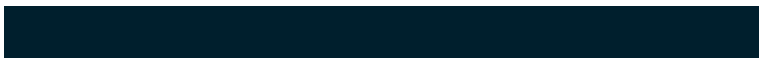
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.0430, 8.3598, 25.3953



19.1930, -9.4621, 1.5847



23.3270, 10.6848, -20.4578

Complementary

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



18.0430, 8.3598, 25.3953



28.9570, -8.3598, -25.3953

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.



21.7480, 2.0962, -19.0730



18.0430, 8.3598, 25.3953



16.4360, -8.1029, -14.4144

Square

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



18.0430, 8.3598, 25.3953



19.5800, -9.6529, 16.1543



18.1970, -8.9711, -15.9588



22.3470, 17.0839, -19.5983

Rectangle

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



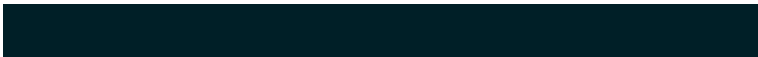
18.0430, 8.3598, 25.3953



15.5480, -7.6652, 31.9684



18.1970, -8.9711, -15.9588



22.6430, 8.0640, -19.8579

Sweetspot

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



18.0430, 8.3598, 25.3953



49.9780, 3.4618, 9.6663



8.9460, 18.7606, 2.6784



24.2010, 1.8729, 5.9627



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



18.0430, 8.3598, 25.3953



23.4830, 11.1009, 32.9024



15.4210, -1.6866, 27.6948



21.7120, 0.1420, 1.1296



33.4230, 15.5675, 46.9870



82.2260, 38.3426, 115.5658

Inverse Universe

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



18.0430, 8.3598, 25.3953



23.4830, 11.1009, 32.9024



31.5790, 1.6866, -27.6948



21.7120, 0.1420, 1.1296



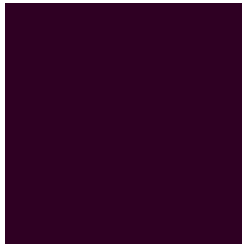
33.4230, 15.5675, 46.9870



82.2260, 38.3426, 115.5658

Previews

White Background



This preview shows how the YUV color 18.0430, 8.3598, 25.3953 looks on a white background.

Color Contrast Check

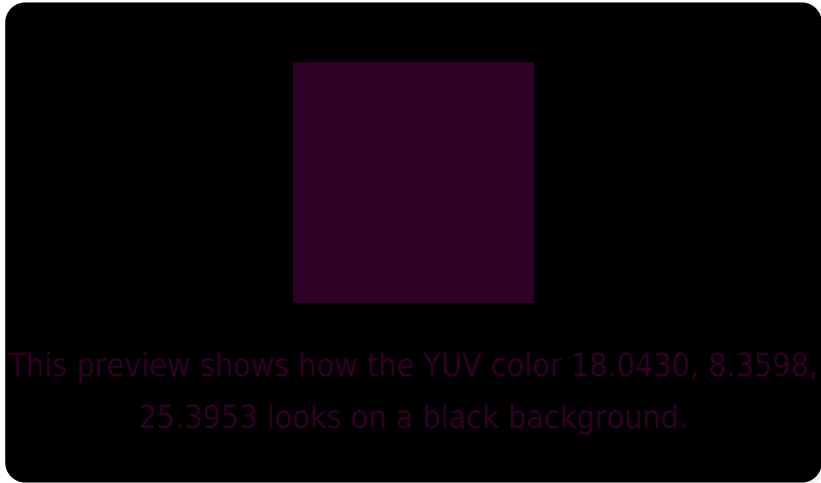
Large Text (above 18pt) WCAG AA ✓ Pass

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

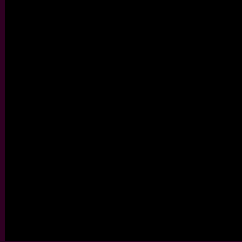
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.0430, 8.3598, 25.3953

Background



This preview shows how black text looks on a background with the YUV color 18.0430, 8.3598, 25.3953.



This preview shows how white text looks on a background with the YUV color 18.0430, 8.3598,

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



Protanopia

23.3650, 13.1311, -11.7211

Deuteranopia

25.6130, 3.6418, -1.4146

Tritanopia

23.2690, -4.5696, 19.0581

Trichromacy



Protanomaly

21.3990, 11.6353, 1.4041

Deuteranomaly

22.8360, 5.5039, 8.0368

Tritanomaly

21.5450, 0.2243, 21.4470

Monochromacy



Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

17.8640, 3.0250, 9.7663

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.0430, 8.3598, 25.3953 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(47, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(47, 0, 35)  
}
```

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(47, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 0, 35) }
```

Border

The CSS property to change the border of an element to YUV 18.0430, 8.3598, 25.3953 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(47, 0, 35) }
```

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

```
.border{ border-color:rgb(47, 0, 35) }
```

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

Here you see how a box with a 4 pixel rgb(47, 0, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 0, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 0, 35); box-shadow:4px  
4px 4px 4px rgb(47, 0, 35) }
```


Background

The CSS property to change the background color of an element to YUV 18.0430, 8.3598, 25.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 0, 35) }
```

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

```
.background{ background-color: rgb(47, 0,  
35) }
```

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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