

Converting Colors

YUV(23.1900, 25.5423, 20.8814)

Have a look what the booklet for
YUV(23.1900, 25.5423, 20.8814)
contains.

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Color

**YUV(23.1900, 25.5423,
20.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	2F014B
RGB	47, 1, 75
RGB Percent	18%, 0%, 29%
CMY	0.8157, 0.9961, 0.7059
CMYK	0.37, 0.99, 0.00, 0.71
HSL	277°, 97%, 15%
HSV	277°, 99%, 29%
XYZ	2.4531, 1.1340, 6.7462
YIQ	23.1900, 3.6620, 32.7660

Conversions

Conversions Part 2

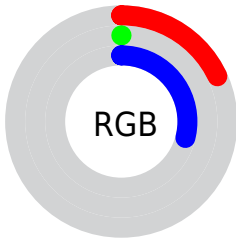
Format	Color
R_{YB}	47, 1, 75
Decimal	3080523
CIE _{Lab}	10.06, 35.43, -34.21
CIE _{LCh}	10, 49.247, 316.005
Yxy	1.1340, 0.2374, 0.1097
Android (android.graphics.Color)	4281270603 (0xFF2F014B)
YUV	23.1900, 25.5423, 20.8814
Hunter-Lab	10.6492, 22.4833, -30.1056

Details

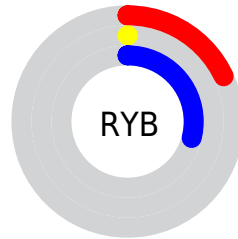
The YUV color **23.1900, 25.5423, 20.8814** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **52.8100, -25.5423, -20.8814**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6030, 25.8317, 21.3962**, and **4.5940, 12.5252, -4.0289** is the 20% darker color. If you saturate the color by 10%, you get **22.6030, 25.8317, 21.3962**, and if you desaturate by 10%, it is **28.1960, 23.0744, 19.1221**.

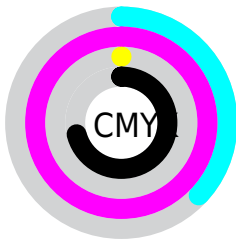
Distribution



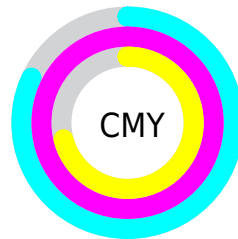
- Red (18%)
- Green (0%)
- Blue (29%)



- Red (18%)
- Yellow (0%)
- Blue (29%)



- Cyan (37%)
- Magenta (99%)
- Yellow (0%)
- Black (71%)



- Cyan (82%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.1900, 25.5423, 20.8814 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 23.1900, 25.5423, 20.8814 by changing the saturation by 10% instead.

■ 23.1900, 25.5423,
20.8814

■ 23.1900, 25.5423,
20.8814

■ 242.6730, 6.0772,
10.8108

■ 14.5990, 18.4387,
12.6297

■ 72.6030, 25.8317,
21.3962

■ 4.5940, 12.5252,
-4.0289

■ 97.4290, 26.4105,
22.4258

■ 0.0000, 0.0000,
0.0000

■ 122.6680, 27.2787,
23.9702


■ 149.0810, 27.5681,
24.4850


■ 176.0210, 28.5836,
25.4146


■ 202.9350, 25.6680,


27.2440


 225.6500, 14.4696,
25.7400


 23.1900, 25.5423,
20.8814


 23.1900, 25.5423,
20.8814


 22.6030, 25.8317,
21.3962

 28.1960, 23.0744,
19.1221

 33.7890, 20.3170,
16.8480

 38.7950, 17.8491,
15.0888

 44.0890, 15.2391,
12.1999

 49.6820, 12.4818,
9.9259

■ 54.6880, 10.0138,
8.1666

■ 59.6940, 7.5459,
6.4074

■ 65.2870, 4.7885,
4.1333

■ 70.8800, 2.0312,
1.8592

Harmonies

Analogous

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



26.5650, 33.2455, -23.2975



23.1900, 25.5423, 20.8814



27.5550, 8.6004, 41.6093

Triad

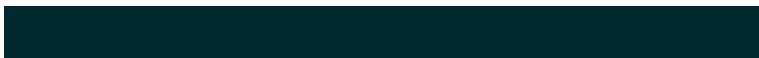
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.1900, 25.5423, 20.8814



26.0920, -12.8634, 19.2133



29.1970, 7.7909, -25.6058

Complementary

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



23.1900, 25.5423, 20.8814



52.8100, -25.5423, -20.8814

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.



24.1640, -8.9549, -21.1918



23.1900, 25.5423, 20.8814



24.1660, -11.9138, -5.4076

Square

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



23.1900, 25.5423, 20.8814



20.6310, -10.1711, 42.4196



22.3060, -10.9969, -19.5624



32.7310, 21.3316, -28.7051

Rectangle

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



23.1900, 25.5423, 20.8814



26.8410, -1.8936, 47.4974



22.3060, -10.9969, -19.5624



27.9430, 2.9861, -24.5060

Sweetspot

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



23.1900, 25.5423, 20.8814



76.6880, 10.0138, 8.1666



25.8720, 24.2201, -21.8127



36.2270, 5.8041, 5.0629



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



23.1900, 25.5423, 20.8814



28.9980, 33.5250, 27.1888



30.5360, 17.4838, 38.9949



35.3530, 1.3050, 1.4444



30.4650, 35.2668, 28.5332



68.9770, 79.3843, 64.9182

Inverse Universe

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



26.3180, 1.3222, 42.6941



33.2210, 1.8630, 55.9342



45.4640, -17.4838, -38.9949



35.4240, 0.2840, 2.2592



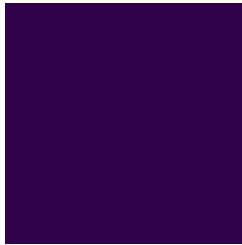
34.9440, 1.9996, 58.8081



78.6880, 4.0978, 132.7006

Previews

White Background



This preview shows how the YUV color 23.1900, 25.5423, 20.8814 looks on a white background.

Color Contrast Check

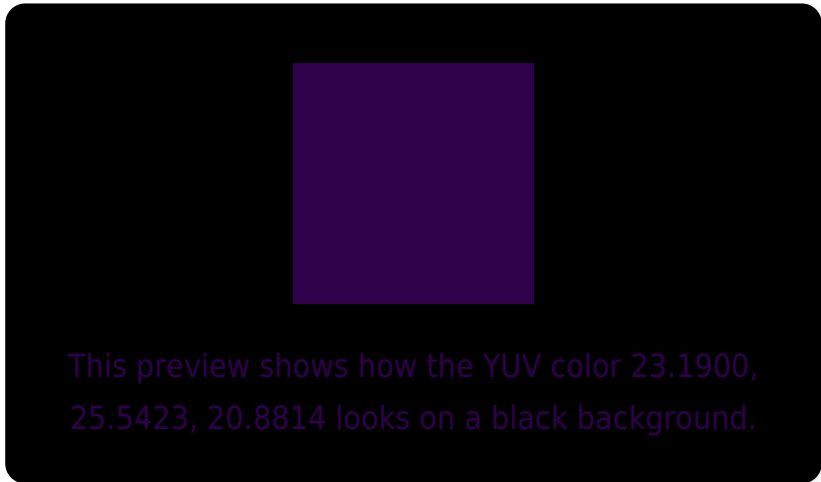
Large Text (above 18pt) WCAG AA ✓ Pass

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

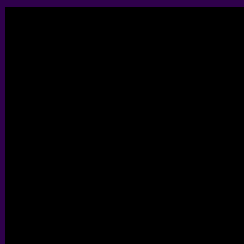
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.1900, 25.5423, 20.8814

Background



This preview shows how black text looks on a background with the YUV color 23.1900, 25.5423, 20.8814.



This preview shows how white text looks on a background with the YUV color 23.1900, 25.5423,

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

23.1900, 25.5423, 20.8814

Protanopia

25.6070, 19.4207, -22.4573

Deuteranopia

25.7550, 14.9108, -22.5871



Tritanopia

32.0330, -0.0163, 5.2331

Trichromacy



Original Color

23.1900, 25.5423, 20.8814

Protanomaly

24.6890, 21.8453, -6.7433

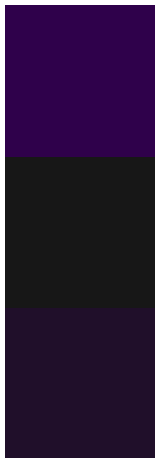
Deuteranomaly

24.5920, 18.9351, -6.6582

Tritanomaly

28.8840, 9.4242, 10.6257

Monochromacy



Original Color

23.1900, 25.5423, 20.8814

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.1610, 9.2876, 7.7518

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.1900, 25.5423, 20.8814 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, 1, 75)` looks like.

```
.text, #text, p{  
    color:rgb(47, 1, 75)  
}
```

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, 1, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 1, 75) }
```

Border

The CSS property to change the border of an element to YUV 23.1900, 25.5423, 20.8814 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, 1, 75) }
```


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

```
.border{ border-color:rgb(47, 1, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 1, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 1, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 1, 75); box-shadow:4px  
4px 4px 4px rgb(47, 1, 75) }
```

Background

The CSS property to change the background color of an element to YUV 23.1900, 25.5423, 20.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 1, 75) }
```

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

```
.background{ background-color: rgb(47, 1,  
75) }
```

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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