

Converting Colors

YUV(23.1820, 24.0673,
-19.4536)

Have a look what the booklet for
YUV(23.1820, 24.0673, -19.4536)
contains.

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Color

**YUV(23.1820, 24.0673,
-19.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	011948
RGB	1, 25, 72
RGB Percent	0%, 10%, 28%
CMY	0.9961, 0.9020, 0.7176
CMYK	0.99, 0.65, 0.00, 0.72
HSL	220°, 97%, 14%
HSV	220°, 99%, 28%
XYZ	1.5298, 1.1696, 6.2760
YIQ	23.1820, -29.3910, 9.5290

Conversions

Conversions Part 2

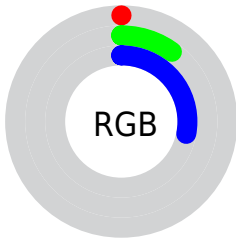
Format	Color
R_{YB}	1, 19, 72
Decimal	72008
CIE _{Lab}	10.33, 12.75, -31.86
CIE _{LCh}	10, 34.314, 291.806
Yxy	1.1696, 0.1704, 0.1303
Android (android.graphics.Color)	4278262088 (0xFF011948)
YUV	23.1820, 24.0673, -19.4536
Hunter-Lab	10.8148, 6.3246, -26.8367

Details

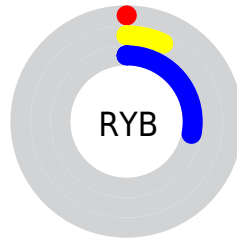
The YUV color **23.1820, 24.0673, -19.4536** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **49.8180, -24.0673, 19.4536**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.7640, 24.7663, -10.3170**, and **3.6650, 11.5042, -3.2142** is the 20% darker color. If you saturate the color by 10%, you get **22.2960, 24.5041, -19.5536**, and if you desaturate by 10%, it is **28.2100, 21.5885, -17.7242**.

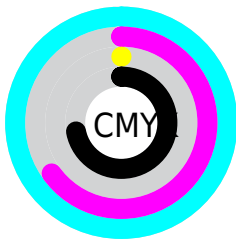
Distribution



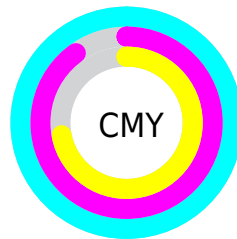
- Red (0%)
- Green (10%)
- Blue (28%)



- Red (0%)
- Yellow (7%)
- Blue (28%)



- Cyan (99%)
- Magenta (65%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (90%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.1820, 24.0673, -19.4536 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 23.1820, 24.0673, -19.4536 by changing the saturation by 10% instead.

■ 23.1820, 24.0673,
-19.4536

■ 23.1820, 24.0673,
-19.4536

■ 250.8580, 2.0420,
-1.6295

■ 5.5860, 21.4031,
-4.8989

■ 70.7640, 24.7663,
-10.3170

■ 3.6650, 11.5042,
-3.2142

■ 95.2910, 25.4925,
-9.9022

■ 0.0000, 0.0000,
0.0000

■ 120.2310, 26.5081,
-8.9726

■ 146.6440, 26.7975,
-8.4578

■ 173.2850, 27.9605,
-8.1429

■ 200.3560, 26.9395,

-7.3282

■ 225.1640, 14.7091,
-4.5288

■ 23.1820, 24.0673,
-19.4536

■ 23.1820, 24.0673,
-19.4536

■ 22.2960, 24.5041,
-19.5536

■ 28.2100, 21.5885,
-17.7242

■ 33.2380, 19.1097,
-15.9947

■ 37.9780, 16.7728,
-13.1357

■ 43.0060, 14.2940,
-11.4063

■ 48.0340, 11.8152,
-9.6768

■ 53.0620, 9.3364,
-7.9474

■ 57.5030, 7.1470,
-5.7031

■ 62.8300, 4.5208,
-3.3589

■ 67.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



27.9210, 23.2099, -24.4867



23.1820, 24.0673, -19.4536



27.6060, 14.4912, 18.7625

Triad

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



23.1820, 24.0673, -19.4536



24.9730, -12.3117, 28.9647



24.7000, -1.8241, -21.6619

Complementary

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



23.1820, 24.0673, -19.4536



49.8180, -24.0673, 19.4536

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.



21.1320, -10.4181, -18.5328



23.1820, 24.0673, -19.4536



27.2330, -13.4259, 12.9507

Square

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



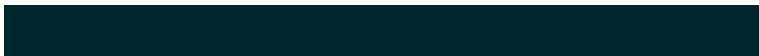
23.1820, 24.0673, -19.4536



21.0590, -5.9451, 40.2903



24.7640, -12.2087, -4.1780



28.0230, 8.3697, -24.5762

Rectangle

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



23.1820, 24.0673, -19.4536



23.1410, 9.7905, 33.2023



24.7640, -12.2087, -4.1780



23.4460, -6.6289, -20.5621

Sweetspot

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



23.1820, 24.0673, -19.4536



75.0620, 9.3364, -7.9474



47.9210, -0.4541, -41.1497



36.4600, 5.6892, -4.7884



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.



23.1820, 24.0673, -19.4536



29.5000, 31.7985, -25.8715



12.3830, 29.3912, -0.3359



33.0430, 1.4578, -0.9147



31.2440, 33.4037, -27.4010



71.0770, 76.8700, -62.3345

Inverse Universe

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



24.9650, 0.0173, 41.2497



31.7540, 0.1213, 54.5897



60.6170, -29.3912, 0.3359



33.3100, -0.1528, 2.3591



33.4770, 0.2578, 57.4637



76.6510, 0.1721, 131.8561

Previews

White Background



This preview shows how the YUV color 23.1820, 24.0673, -19.4536 looks on a white background.

Color Contrast Check

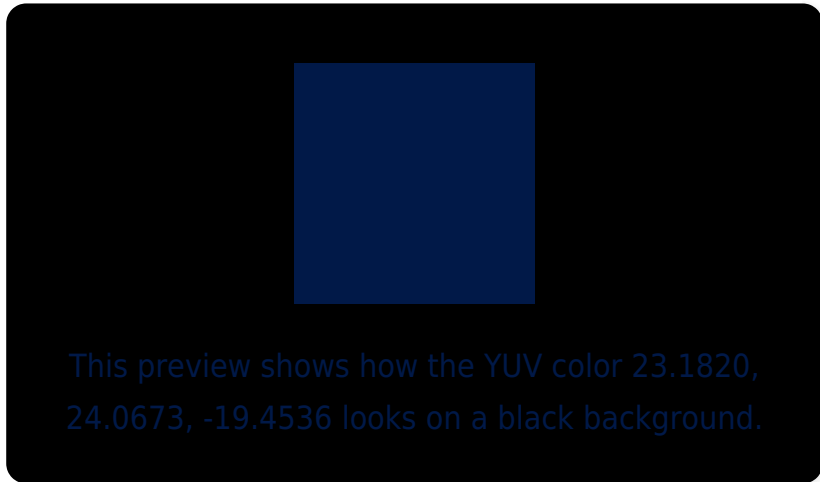
Large Text (above 18pt) WCAG AA ✓ Pass

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

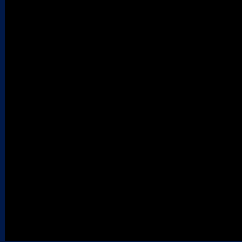
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.1820, 24.0673, -19.4536

Background



This preview shows how black text looks on a background with the YUV color 23.1820, 24.0673, -19.4536.



This preview shows how white text looks on a background with the YUV color 23.1820, 24.0673,

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

23.1820, 24.0673, -19.4536

Protanopia

23.8630, 17.8155, -20.9279

Deuteranopia

23.4240, 13.5950, -20.5428



Tritanopia

23.3610, 5.7380, -20.4876

Trichromacy



Original Color

23.1820, 24.0673, -19.4536

Protanomaly

23.7320, 19.8521, -20.8130

Deuteranomaly

23.1620, 17.6681, -20.3131

Tritanomaly

23.0820, 12.2846, -20.2429

Monochromacy



Original Color

23.1820, 24.0673, -19.4536

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.2470, 8.7522, -7.2326

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.1820, 24.0673, -19.4536 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(1, 25, 72)` looks like.

```
.text, #text, p{  
    color:rgb(1, 25, 72)  
}
```

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(1, 25, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 25, 72) }
```

Border

The CSS property to change the border of an element to YUV 23.1820, 24.0673, -19.4536 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(1, 25, 72) }
```


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

```
.border{ border-color:rgb(1, 25, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 25, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 25, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 25, 72); box-shadow:4px  
4px 4px 4px rgb(1, 25, 72) }
```

Background

The CSS property to change the background color of an element to YUV 23.1820, 24.0673, -19.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 25, 72) }
```

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

```
.background{ background-color: rgb(1, 25,  
72) }
```

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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