

Converting Colors

YUV(23.1240, 18.6729,
-15.8947)

Have a look what the booklet for
YUV(23.1240, 18.6729, -15.8947)
contains.

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Color

**YUV(23.1240, 18.6729,
-15.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	05193D
RGB	5, 25, 61
RGB Percent	2%, 10%, 24%
CMY	0.9804, 0.9020, 0.7608
CMYK	0.92, 0.59, 0.00, 0.76
HSL	219°, 85%, 13%
HSV	219°, 92%, 24%
XYZ	1.2525, 1.0644, 4.5543
YIQ	23.1240, -23.4760, 6.9560

Conversions

Conversions Part 2

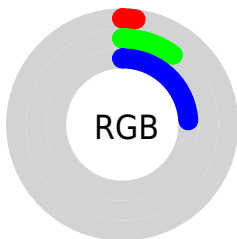
Format	Color
R_{YB}	5, 20, 61
Decimal	334141
CIE Lab	9.52, 8.11, -25.43
CIE LCh	10, 26.693, 287.694
Yxy	1.0644, 0.1823, 0.1549
Android (android.graphics.Color)	4278524221 (0xFF05193D)
YUV	23.1240, 18.6729, -15.8947
Hunter-Lab	10.3172, 3.6150, -18.9503

Details

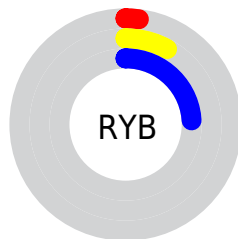
The YUV color **23.1240, 18.6729, -15.8947** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **42.8760, -18.6729, 15.8947**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.7980, 19.8196, -10.3468**, and **2.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **19.8680, 20.2781, -17.4242**, and if you desaturate by 10%, it is **27.2660, 16.6309, -14.2653**.

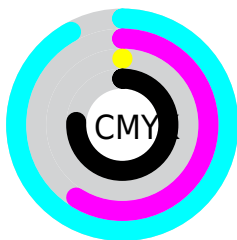
Distribution



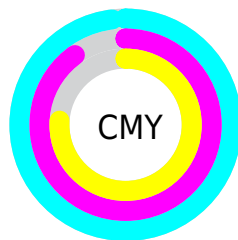
- Red (2%)
- Green (10%)
- Blue (24%)



- Red (2%)
- Yellow (8%)
- Blue (24%)



- Cyan (92%)
- Magenta (59%)
- Yellow (0%)
- Black (76%)



- Cyan (98%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.1240, 18.6729, -15.8947 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 23.1240, 18.6729, -15.8947 by changing the saturation by 10% instead.

■ 23.1240, 18.6729,
-15.8947

■ 23.1240, 18.6729,
-15.8947

■ 249.3630, 2.7790,
-4.7034

■ 4.4460, 17.0351,
-3.8991

■ 68.7980, 19.8196,
-10.3468

■ 2.5250, 7.1362,
-2.2144

■ 93.2110, 20.1090,
-9.8320

■ 0.0000, 0.0000,
0.0000

■ 117.8520, 21.2720,
-9.5172

■ 143.9660, 21.7088,
-9.6172

■ 170.4930, 22.4350,
-9.2024

■ 197.6070, 22.8717,

-9.3023

■ 223.6690, 15.4462,
-7.6027

■ 23.1240, 18.6729,
-15.8947

■ 23.1240, 18.6729,
-15.8947

■ 19.8680, 20.2781,
-17.4242

■ 27.2660, 16.6309,
-14.2653

■ 31.4080, 14.5889,
-12.6358

■ 35.5500, 12.5469,
-11.0063

■ 39.6920, 10.5048,
-9.3769

■ 44.1330, 8.3154,
-7.1326

■ 48.2750, 6.2734,
-5.5032

■ 51.8300, 4.5208,
-3.3589

■ 55.9720, 2.4788,
-1.7294

■ 60.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



25.2650, 18.1104, -22.1574



23.1240, 18.6729, -15.8947



27.1660, 11.7502, 11.2554

Triad

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



23.1240, 18.6729, -15.8947



24.0650, -11.8640, 25.3760



22.5970, -2.2663, -19.8176

Complementary

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



23.1240, 18.6729, -15.8947



42.8760, -18.6729, 15.8947

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.



19.9690, -9.8447, -15.7588



23.1240, 18.6729, -15.8947



25.7600, -12.6997, 13.3655

Square

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



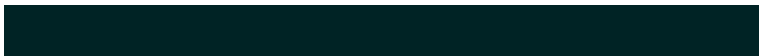
23.1240, 18.6729, -15.8947



22.6880, -3.2972, 30.9686



24.4980, -12.0775, 0.4403



24.7630, 6.0328, -21.7172

Rectangle

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



23.1240, 18.6729, -15.8947



25.0920, 7.3496, 22.7213



24.4980, -12.0775, 0.4403



20.9840, -5.9081, -18.4030

Sweetspot

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



23.1240, 18.6729, -15.8947



64.2040, 7.2944, -6.3179



41.8620, -0.9180, -32.3280



31.5310, 4.6682, -3.9737



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



23.1240, 18.6729, -15.8947



25.4420, 26.4041, -22.3126



13.4770, 23.4288, -1.2953



28.9290, 1.0210, -0.8147



30.6740, 31.2197, -26.9011



71.6810, 74.1073, -62.8642

Inverse Universe

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



24.0240, 0.4812, 32.4280



26.8130, 0.5852, 45.7680



52.5230, -23.4288, 1.2953



29.0110, -0.0054, 1.7444



31.9820, 0.9949, 54.3898



75.3840, 1.7827, 128.5822

Previews

White Background



This preview shows how the YUV color 23.1240, 18.6729, -15.8947 looks on a white background.

Color Contrast Check

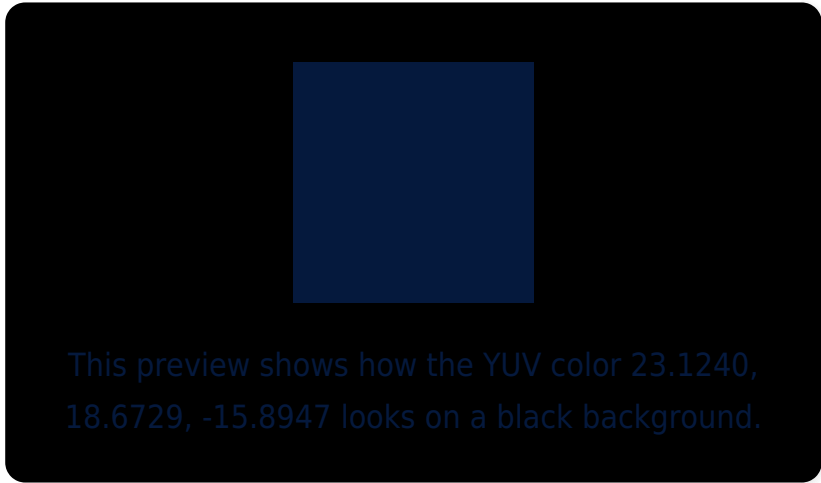
Large Text (above 18pt) WCAG AA ✓ Pass

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

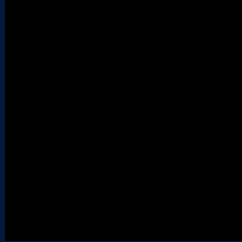
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.1240, 18.6729, -15.8947

Background



This preview shows how black text looks on a background with the YUV color 23.1240, 18.6729, -15.8947.



This preview shows how white text looks on a background with the YUV color 23.1240, 18.6729,

-15.8947.

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

23.1240, 18.6729, -15.8947

Protanopia

21.6460, 16.9365, -18.9835

Deuteranopia

21.9080, 12.8634, -19.2133



Tritanopia

21.8450, 5.0064, -19.1581

Trichromacy



Original Color

23.1240, 18.6729, -15.8947

Protanomaly

22.4720, 17.5153, -17.9539

Deuteranomaly

22.4890, 15.0419, -17.9689

Tritanomaly

22.5230, 10.0952, -17.9987

Monochromacy



Original Color

23.1240, 18.6729, -15.8947

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.0900, 6.8576, -6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.1240, 18.6729, -15.8947 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(5, 25, 61)` looks like.

```
.text, #text, p{  
    color:rgb(5, 25, 61)  
}
```

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(5, 25, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 25, 61) }
```

Border

The CSS property to change the border of an element to YUV 23.1240, 18.6729, -15.8947 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(5, 25, 61) }
```


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

```
.border{ border-color:rgb(5, 25, 61) }
```

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

Here you see how a box with a 4 pixel rgb(5, 25, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 25, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 25, 61); box-shadow:4px  
4px 4px 4px rgb(5, 25, 61) }
```

Background

The CSS property to change the background color of an element to YUV 23.1240, 18.6729, -15.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 25, 61) }
```

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

```
.background{ background-color: rgb(5, 25,  
61) }
```

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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