

Converting Colors

YUV(23.8020, 60.7366,
-20.8744)

Have a look what the booklet for
YUV(23.8020, 60.7366, -20.8744)
contains.

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Color

**YUV(23.8020, 60.7366,
-20.8744)**

Conversions

Conversions Part 1

Format	Color
Hex	000C93
RGB	0, 12, 147
RGB Percent	0%, 5%, 58%
CMY	1.0000, 0.9529, 0.4235
CMYK	1.00, 0.92, 0.00, 0.42
HSL	235°, 100%, 29%
HSV	235°, 100%, 58%
XYZ	5.3979, 2.3695, 27.7766
YIQ	23.8020, -50.4870, 39.4410

Conversions

Conversions Part 2

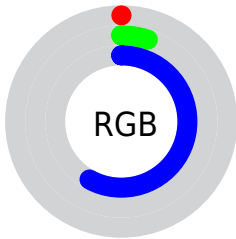
Format	Color
RYB	0, 11, 147
Decimal	3219
CIELab	17.32, 48.58, -69.40
CIELCh	17, 84.712, 304.992
Yxy	2.3695, 0.1519, 0.0667
Android (android.graphics.Color)	4278193299 (0xFF000C93)
YUV	23.8020, 60.7366, -20.8744
Hunter-Lab	15.3933, 35.6561, -96.2115

Details

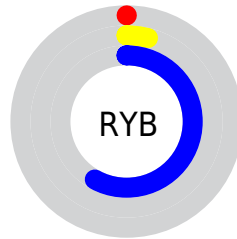
The YUV color **23.8020, 60.7366, -20.8744** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **123.1980, -60.7366, 20.8744**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.1470, 57.6085, 2.5021**, and **10.8300, 41.4958, -9.4979** is the 20% darker color. If you saturate the color by 10%, you get **23.8020, 60.7366, -20.8744**, and if you desaturate by 10%, it is **35.9180, 54.7634, -18.3451**.

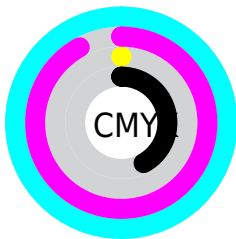
Distribution



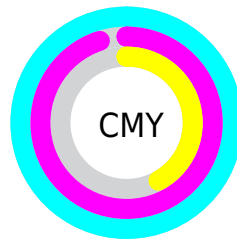
- Red (0%)
- Green (5%)
- Blue (58%)



- Red (0%)
- Yellow (4%)
- Blue (58%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (95%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.8020, 60.7366, -20.8744 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 23.8020, 60.7366, -20.8744 by changing the saturation by 10% instead.

■ 23.8020, 60.7366,
-20.8744

■ 23.8020, 60.7366,
-20.8744

■ 250.8910, 2.0257,
3.6036

■ 13.6800, 52.4158,
-11.9974

■ 85.1470, 57.6085,
2.5021

■ 10.8300, 41.4958,
-9.4979

■ 112.0980, 58.6187,
5.1761

■ 12.6760, 28.2607,
-11.1169

■ 138.4790, 57.4449,
8.3499

■ 7.7060, 19.3719,
-6.7582

■ 162.7110, 45.4985,
13.4085

■ 3.4370, 10.6306,
-3.0142

■ 187.5300, 33.2627,
17.9522

■ 0.0000, 0.0000,
0.0000

■ 212.3490, 21.0269,

22.4959

■ 234.4550, 10.1287,
18.0180

■ 23.8020, 60.7366,
-20.8744

■ 35.9180, 54.7634,
-18.3451

■ 48.3220, 48.6483,
-16.9454

■ 60.4380, 42.6751,
-14.4161

■ 73.1410, 36.4125,
-12.4017

■ 85.2570, 30.4393,
-9.8724

■ 97.6610, 24.3241,
-8.4727

■ 109.7770, 18.3509,
-5.9434

■ 122.4800, 12.0884,
-3.9290

■ 134.2970, 6.2626,
-2.0145

Harmonies

Analogous

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



50.6050, 59.3547, -44.3806



23.8020, 60.7366, -20.8744



45.3290, 24.9808, 61.1015

Triad

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



23.8020, 60.7366, -20.8744



31.0300, -15.2978, 53.4707



41.7350, 5.0606, -36.6016

Complementary

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



23.8020, 60.7366, -20.8744



123.1980, -60.7366, 20.8744

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.



34.6330, -17.0741, -30.3731



23.8020, 60.7366, -20.8744



39.8700, -19.6559, 4.4990

Square

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



23.8020, 60.7366, -20.8744



37.0760, -18.2785, 76.2323



32.2850, -15.9165, -28.3139



49.8630, 31.1265, -43.7299

Rectangle

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



23.8020, 60.7366, -20.8744



46.4500, 4.7082, 76.7814



32.2850, -15.9165, -28.3139



38.6400, -4.2595, -33.8873

Sweetspot

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



23.8020, 60.7366, -20.8744



143.4330, 23.4505, -8.2727



101.6790, 16.4273, -89.1725



67.7510, 14.4198, -5.0436



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



23.8020, 60.7366, -20.8744



31.1660, 78.7982, -27.3326



34.9970, 55.2175, 22.8046



67.7980, 3.0576, -0.6998



22.1890, 57.0948, -19.4598



1.7270, 4.0786, -1.5146

Inverse Universe

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



45.3210, -16.4273, 89.1725



58.9330, -21.1660, 115.8228



112.0030, -55.2175, -22.8046



69.0930, -1.0318, 4.3034



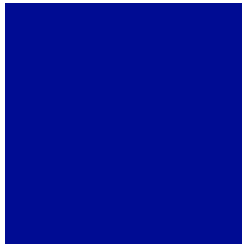
42.5160, -15.5374, 83.7395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 23.8020, 60.7366, -20.8744 looks on a white background.

Color Contrast Check

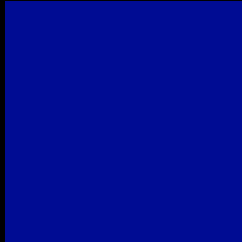
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 23.8020, 60.7366, -20.8744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

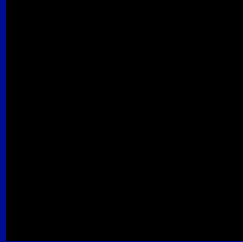
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.8020, 60.7366, -20.8744

Background



This preview shows how black text looks on a background with the YUV color 23.8020, 60.7366, -20.8744.



This preview shows how white text looks on a background with the YUV color 23.8020, 60.7366, -20.8744.

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

36.3160, 27.4522, -31.8491

Deuteranopia

36.4810, 20.4689, -31.9938

Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Protanomaly

31.5520, 39.6609, -27.6711

Deuteranomaly

31.7000, 35.1509, -27.8009

Tritanomaly

31.0500, 27.5833, -27.2308

Monochromacy



Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.0910, 22.1401, -7.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.8020, 60.7366, -20.8744 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(0, 12, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 12, 147)  
}
```

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(0, 12, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 12, 147) }
```

Border

The CSS property to change the border of an element to YUV 23.8020, 60.7366, -20.8744 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(0, 12, 147) }
```

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

```
.border{ border-color:rgb(0, 12, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 12, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 12, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 12, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 12, 147)  
}
```


Background

The CSS property to change the background color of an element to YUV 23.8020, 60.7366, -20.8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 12, 147) }
```

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

```
.background{ background-color: rgb(0, 12,  
147) }
```

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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