

Converting Colors

YUV(23.2420, 23.0517,
-20.3832)

Have a look what the booklet for
YUV(23.2420, 23.0517, -20.3832)
contains.

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Color

**YUV(23.2420, 23.0517,
-20.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	001A46
RGB	0, 26, 70
RGB Percent	0%, 10%, 27%
CMY	1.0000, 0.8980, 0.7255
CMYK	1.00, 0.63, 0.00, 0.73
HSL	218°, 100%, 14%
HSV	218°, 100%, 27%
XYZ	1.4749, 1.1810, 5.9446
YIQ	23.2420, -29.6200, 8.1720

Conversions

Conversions Part 2

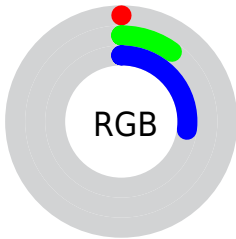
Format	Color
RYB	0, 19, 70
Decimal	6726
CIELab	10.42, 10.85, -30.33
CIELCh	10, 32.209, 289.684
Yxy	1.1810, 0.1715, 0.1373
Android (android.graphics.Color)	4278196806 (0xFF001A46)
YUV	23.2420, 23.0517, -20.3832
Hunter-Lab	10.8673, 5.2078, -24.8253

Details

The YUV color **23.2420, 23.0517, -20.3832** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **46.7580, -23.0517, 20.3832**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.5250, 23.8982, -11.8614**, and **3.5510, 11.0674, -3.1142** is the 20% darker color. If you saturate the color by 10%, you get **23.2420, 23.0517, -20.3832**, and if you desaturate by 10%, it is **27.6830, 20.8623, -18.1390**.

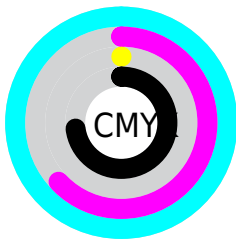
Distribution



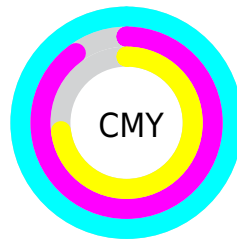
- Red (0%)
- Green (10%)
- Blue (27%)



- Red (0%)
- Yellow (7%)
- Blue (27%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.2420, 23.0517, -20.3832 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 23.2420, 23.0517, -20.3832 by changing the saturation by 10% instead.

■ 23.2420, 23.0517,
-20.3832

■ 23.2420, 23.0517,
-20.3832

■ 250.8470, 2.0474,
-3.3738

■ 5.4720, 20.9663,
-4.7989

■ 70.5250, 23.8982,
-11.8614

■ 3.5510, 11.0674,
-3.1142

■ 95.3510, 24.4770,
-10.8318

■ 0.0000, 0.0000,
0.0000

■ 120.2910, 25.4925,
-9.9022

■ 146.4050, 25.9293,
-10.0022

■ 172.9320, 26.6555,
-9.5874

■ 200.3450, 26.9449,

-9.0726

■ 225.1530, 14.7146,
-6.2732

■ 23.2420, 23.0517,
-20.3832

■ 27.6830, 20.8623,
-18.1390

■ 32.7110, 18.3835,
-16.4095

■ 37.1520, 16.1941,
-14.1653

■ 42.1800, 13.7153,
-12.4359

■ 46.6210, 11.5258,
-10.1916

■ 51.0620, 9.3364,
-7.9474

■ 56.0900, 6.8576,
-6.2179

■ 60.5310, 4.6682,
-3.9737

■ 65.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



27.5790, 21.8996, -24.1868



23.2420, 23.0517, -20.3832



28.4700, 14.0653, 15.3738

Triad

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



23.2420, 23.0517, -20.3832



24.9730, -12.3117, 28.9647



24.5860, -2.2609, -21.5619

Complementary

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



23.2420, 23.0517, -20.3832



46.7580, -23.0517, 20.3832

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



23.2420, 23.0517, -20.3832



27.5320, -13.5733, 13.5654

Square

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



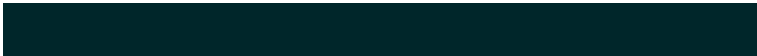
23.2420, 23.0517, -20.3832



21.5040, -4.1925, 38.1460



25.6610, -12.6509, -2.3337



27.0940, 7.3487, -23.7614

Rectangle

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



23.2420, 23.0517, -20.3832



25.0050, 9.3645, 29.8136



25.6610, -12.6509, -2.3337



22.7450, -6.7763, -19.9474

Sweetspot

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



23.2420, 23.0517, -20.3832



73.0620, 9.3364, -7.9474



45.9920, -1.4751, -40.3350



35.0470, 5.3998, -5.3032



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



23.2420, 23.0517, -20.3832



30.4460, 30.3461, -26.7011



10.3720, 29.3966, -2.0802



33.0430, 1.4578, -0.9147



33.0050, 32.5355, -28.9454



75.1860, 74.8443, -65.9381

Inverse Universe

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



23.8940, 1.0383, 40.4350



31.3840, 1.2897, 53.1602



59.6280, -29.3966, 2.0802



33.3100, -0.1528, 2.3591



33.8190, 1.5682, 57.1637



77.4490, 3.2296, 131.1562

Previews

White Background



This preview shows how the YUV color 23.2420, 23.0517, -20.3832 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

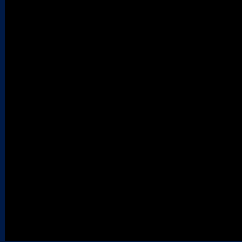
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.2420, 23.0517, -20.3832

Background



This preview shows how black text looks on a background with the YUV color 23.2420, 23.0517, -20.3832.



This preview shows how white text looks on a background with the YUV color 23.2420, 23.0517,

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

23.2420, 23.0517, -20.3832

Protanopia

23.9770, 18.2523, -21.0278

Deuteranopia

24.1250, 13.7424, -21.1576



Tritanopia

23.3610, 5.7380, -20.4876

Trichromacy



Original Color

23.2420, 23.0517, -20.3832

Protanomaly

23.7320, 19.8521, -20.8130

Deuteranomaly

23.7490, 17.3787, -20.8279

Tritanomaly

23.0820, 12.2846, -20.2429

Monochromacy



Original Color

23.2420, 23.0517, -20.3832

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.1330, 8.3154, -7.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.2420, 23.0517, -20.3832 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, 26, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 26, 70)  
}
```

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, 26, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 26, 70) }
```

Border

The CSS property to change the border of an element to YUV 23.2420, 23.0517, -20.3832 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, 26, 70) }
```


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

```
.border{ border-color:rgb(0, 26, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 26, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 26, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 26, 70); box-shadow:4px  
4px 4px 4px rgb(0, 26, 70) }
```

Background

The CSS property to change the background color of an element to YUV 23.2420, 23.0517, -20.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 26, 70) }
```

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

```
.background{ background-color: rgb(0, 26,  
70) }
```

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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