

Converting Colors

YUV(42.4640, 26.3932,
-18.8239)

Have a look what the booklet for
YUV(42.4640, 26.3932, -18.8239)
contains.

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Color

**YUV(42.4640, 26.3932,
-18.8239)**

Conversions

Conversions Part 1

Format	Color
Hex	152B60
RGB	21, 43, 96
RGB Percent	8%, 17%, 38%
CMY	0.9176, 0.8314, 0.6235
CMYK	0.78, 0.55, 0.00, 0.62
HSL	222°, 64%, 23%
HSV	222°, 78%, 38%
XYZ	3.2845, 2.7317, 11.4205
YIQ	42.4640, -30.1250, 11.8190

Conversions

Conversions Part 2

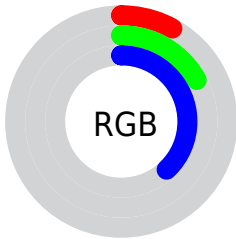
Format	Color
R _Y B	21, 38, 96
Decimal	1387360
CIE Lab	18.94, 12.27, -34.09
CIE LCh	19, 36.229, 289.803
Yxy	2.7317, 0.1884, 0.1567
Android (android.graphics.Color)	4279577440 (0xFF152B60)
YUV	42.4640, 26.3932, -18.8239
Hunter-Lab	16.5279, 6.5481, -29.3989

Details

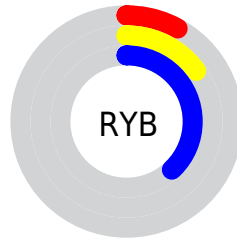
The YUV color **42.4640, 26.3932, -18.8239** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **74.5360, -26.3932, 18.8239**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.1380, 27.5400, -13.2760**, and **5.5860, 21.4031, -4.8989** is the 20% darker color. If you saturate the color by 10%, you get **35.3650, 29.8931, -21.3681**, and if you desaturate by 10%, it is **49.5630, 22.8934, -16.2798**.

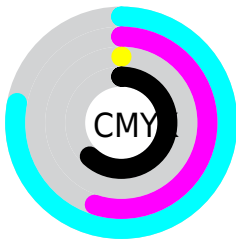
Distribution



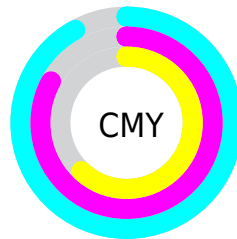
- Red (8%)
- Green (17%)
- Blue (38%)



- Red (8%)
- Yellow (15%)
- Blue (38%)



- Cyan (78%)
- Magenta (55%)
- Yellow (0%)
- Black (62%)



- Cyan (92%)
- Magenta (83%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.4640, 26.3932, -18.8239 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 42.4640, 26.3932, -18.8239 by changing the saturation by 10% instead.

■ 42.4640, 26.3932,
-18.8239

■ 42.4640, 26.3932,
-18.8239

■ 255.0000, 0.0000,
0.0000

■ 21.7090, 24.7935,
-19.0388

■ 91.1380, 27.5400,
-13.2760

■ 5.5860, 21.4031,
-4.8989

■ 116.0780, 28.5555,
-12.3464

■ 3.6650, 11.5042,
-3.2142

■ 142.4910, 28.8449,
-11.8316

■ 0.0000, 0.0000,
0.0000

■ 169.1320, 30.0079,
-11.5168

■ 196.2030, 28.9869,
-10.7020

■ 221.0110, 16.7566,

-7.9026

246.1180, 4.3788,
-4.4885

42.4640, 26.3932,
-18.8239

42.4640, 26.3932,
-18.8239

35.3650, 29.8931,
-21.3681

49.5630, 22.8934,
-16.2798

28.5650, 33.2455,
-23.2975

56.3630, 19.5410,
-14.3504

27.3800, 33.8297,
-24.0123

62.8750, 16.3306,
-11.2914

69.6750, 12.9782,
-9.3620

76.7740, 9.4784,
-6.8178

■ 83.8730, 5.9786,
-4.2736

■ 90.0860, 2.9156,
-1.8294

■ 97.1850, -0.5842,
0.7148

■ 103.9850, -3.9366,
2.6442

Harmonies

Analogous

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



41.6960, 27.7579, -36.5674



42.4640, 26.3932, -18.8239



47.0620, 16.2384, 18.3626

Triad

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



42.4640, 26.3932, -18.8239



41.9540, -20.1903, 35.9973



37.5630, -0.7706, -32.9428

Complementary

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



42.4640, 26.3932, -18.8239



74.5360, -26.3932, 18.8239

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.



33.6810, -13.1537, -27.7842



42.4640, 26.3932, -18.8239



44.0890, -21.7359, 18.3389

Square

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



42.4640, 26.3932, -18.8239



40.6080, -5.2297, 44.1938



41.9080, -20.6606, 0.0807



41.2280, 10.7336, -36.1570

Rectangle

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



42.4640, 26.3932, -18.8239



43.9670, 10.3693, 34.2319



41.9080, -20.6606, 0.0807



35.9500, -4.4124, -31.5282

Sweetspot

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



42.4640, 26.3932, -18.8239



104.5890, 10.0626, -7.5326



71.0670, 1.4460, -43.9088



50.9870, 6.4154, -4.3736



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



42.4640, 26.3932, -18.8239



40.9970, 41.4135, -29.8154



34.0350, 30.5487, 1.7233



45.0430, 1.4578, -0.9147



32.1390, 39.3715, -28.1859



68.4500, 84.5742, -60.0306

Inverse Universe

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



45.9330, -1.4460, 43.9088



46.2720, -2.1061, 69.0445



82.9650, -30.5487, -1.7233



45.3100, -0.1528, 2.3591



37.2500, -2.0953, 65.5558



79.7400, -4.8018, 140.5480

Previews

White Background



This preview shows how the YUV color 42.4640, 26.3932, -18.8239 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 42.4640, 26.3932, -18.8239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

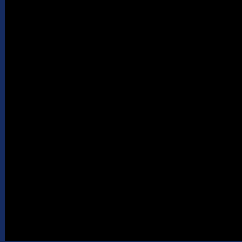
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.4640, 26.3932, -18.8239

Background



This preview shows how black text looks on a background with the YUV color 42.4640, 26.3932, -18.8239.



This preview shows how white text looks on a background with the YUV color 42.4640, 26.3932,

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

42.4640, 26.3932, -18.8239

Protanopia

37.2450, 28.4732, -32.6639

Deuteranopia

36.9370, 22.2161, -32.3937



Tritanopia

36.2070, 9.2649, -31.7535

Trichromacy



Original Color

42.4640, 26.3932, -18.8239

Protanomaly

39.0500, 27.5833, -27.2308

Deuteranomaly

39.3120, 23.5102, -27.4606

Tritanomaly

38.5480, 15.5058, -26.7906

Monochromacy



Original Color

42.4640, 26.3932, -18.8239

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8880, 9.9152, -6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.4640, 26.3932, -18.8239 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(21, 43, 96)` looks like.

```
.text, #text, p{  
    color:rgb(21, 43, 96)  
}
```

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(21, 43, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 43, 96) }
```

Border

The CSS property to change the border of an element to YUV 42.4640, 26.3932, -18.8239 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(21, 43, 96) }
```


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

```
.border{ border-color:rgb(21, 43, 96) }
```

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

Here you see how a box with a 4 pixel rgb(21, 43, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 43, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 43, 96);  
box-shadow:4px 4px 4px 4px rgb(21, 43, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.4640, 26.3932, -18.8239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 43, 96) }
```

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

```
.background{ background-color: rgb(21, 43,  
96) }
```

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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