

Converting Colors

YUV(41.8520, 38.0340,
-19.1642)

Have a look what the booklet for
YUV(41.8520, 38.0340, -19.1642)
contains.

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Color

**YUV(41.8520, 38.0340,
-19.1642)**

Conversions

Conversions Part 1

Format	Color
Hex	142677
RGB	20, 38, 119
RGB Percent	8%, 15%, 47%
CMY	0.9216, 0.8510, 0.5333
CMYK	0.83, 0.68, 0.00, 0.53
HSL	229°, 71%, 27%
HSV	229°, 83%, 47%
XYZ	4.3114, 2.8669, 17.7789
YIQ	41.8520, -36.7290, 21.3750

Conversions

Conversions Part 2

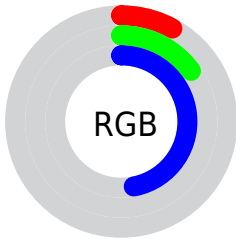
Format	Color
R_{YB}	20, 35, 119
Decimal	1320567
CIE _{Lab}	19.50, 25.29, -48.10
CIE _{LCh}	20, 54.346, 297.733
Yxy	2.8669, 0.1728, 0.1149
Android (android.graphics.Color)	4279510647 (0xFF142677)
YUV	41.8520, 38.0340, -19.1642
Hunter-Lab	16.9318, 15.8212, -50.4040

Details

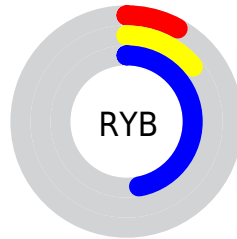
The YUV color **41.8520, 38.0340, -19.1642** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **97.1480, -38.0340, 19.1642**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.1460, 38.8750, -8.8980**, and **7.9800, 30.5759, -6.9985** is the 20% darker color. If you saturate the color by 10%, you get **32.3940, 42.6968, -21.3935**, and if you desaturate by 10%, it is **51.3100, 33.3712, -16.9349**.

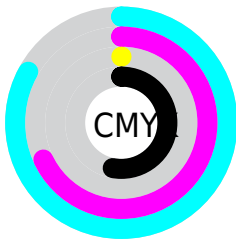
Distribution



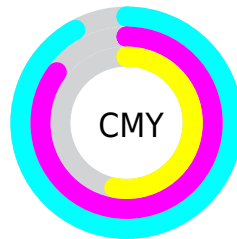
- Red (8%)
- Green (15%)
- Blue (47%)



- Red (8%)
- Yellow (14%)
- Blue (47%)



- Cyan (83%)
- Magenta (68%)
- Yellow (0%)
- Black (53%)



- Cyan (92%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8520, 38.0340, -19.1642 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 41.8520, 38.0340, -19.1642 by changing the saturation by 10% instead.

■ 41.8520, 38.0340,
-19.1642

■ 41.8520, 38.0340,
-19.1642

■ 255.0000, 0.0000,
0.0000

■ 21.2820, 35.8500,
-18.6643

■ 93.1460, 38.8750,
-8.8980

■ 7.9800, 30.5759,
-6.9985

■ 118.4990, 40.1800,
-7.4536

■ 7.5920, 18.9351,
-6.6582

■ 144.7380, 41.0482,
-5.9092

■ 3.4370, 10.6306,
-3.0142

■ 171.4500, 41.1902,
-4.7796

■ 0.0000, 0.0000,
0.0000

■ 195.9700, 29.1018,
-0.8507

■ 221.0770, 16.7240,

2.5635

246.1840, 4.3463,
5.9776

41.8520, 38.0340,
-19.1642

41.8520, 38.0340,
-19.1642

32.3940, 42.6968,
-21.3935

51.3100, 33.3712,
-16.9349

26.4800, 45.6124,
-23.2230

60.1810, 28.9978,
-14.1907

69.6390, 24.3350,
-11.9614

79.0970, 19.6722,
-9.7321

88.2560, 15.1568,
-8.1175

■ 97.1270, 10.7834,
-5.3734

■ 106.5850, 6.1206,
-3.1440

■ 116.0430, 1.4578,
-0.9147

■ 125.5010, -3.2050,
1.3146

Harmonies

Analogous

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



46.2900, 40.2830, -40.5963



41.8520, 38.0340, -19.1642



36.8710, 26.1926, 45.7171

Triad

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



41.8520, 38.0340, -19.1642



41.2970, -20.3594, 43.5895



41.2960, 0.8401, -36.2166

Complementary

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



41.8520, 38.0340, -19.1642



97.1480, -38.0340, 19.1642

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.



35.2200, -17.3635, -30.8879



41.8520, 38.0340, -19.1642



44.9530, -22.1618, 14.9502

Square

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



41.8520, 38.0340, -19.1642



33.9590, -10.8258, 65.8110



38.5640, -19.0121, -15.4036



45.9700, 18.7488, -40.3157

Rectangle

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



41.8520, 38.0340, -19.1642



39.4030, 12.6193, 59.2826



38.5640, -19.0121, -15.4036



39.1130, -4.9857, -34.3021

Sweetspot

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



41.8520, 38.0340, -19.1642



125.5550, 15.0094, -7.5027



87.3470, 6.7309, -59.0633



60.6710, 9.0362, -4.9735



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



41.8520, 38.0340, -19.1642



34.2200, 60.0375, -30.0109



40.5550, 38.6734, 9.1603



54.2710, 2.3314, -1.1147



26.8220, 46.9228, -23.5229



54.9150, 96.1769, -48.1605

Inverse Universe

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



51.6530, -6.7309, 59.0633



49.8360, -10.7651, 93.1058



98.4450, -38.6734, -9.1603



54.9080, -0.4476, 3.5887



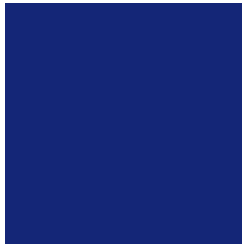
38.9860, -8.3741, 72.8033



79.8800, -17.1958, 149.1952

Previews

White Background



This preview shows how the YUV color 41.8520, 38.0340, -19.1642 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 41.8520, 38.0340, -19.1642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

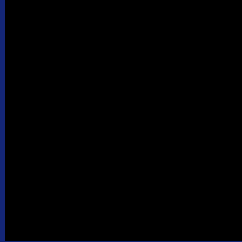
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.8520, 38.0340, -19.1642

Background



This preview shows how black text looks on a background with the YUV color 41.8520, 38.0340, -19.1642.



This preview shows how white text looks on a background with the YUV color 41.8520, 38.0340,

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

41.8520, 38.0340, -19.1642

Protanopia

38.0600, 29.0574, -33.3786

Deuteranopia

38.2250, 22.0741, -33.5233



Tritanopia

37.4950, 9.1230, -32.8831

Trichromacy



Original Color

41.8520, 38.0340, -19.1642

Protanomaly

39.3040, 32.3881, -28.3306

Deuteranomaly

39.4520, 27.8782, -28.4604

Tritanomaly

39.2750, 19.5844, -28.3052

Monochromacy



Original Color

41.8520, 38.0340, -19.1642

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.2130, 13.6990, -7.2028

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8520, 38.0340, -19.1642 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(20, 38, 119)` looks like.

```
.text, #text, p{  
    color:rgb(20, 38, 119)  
}
```

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(20, 38, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 38, 119) }
```

Border

The CSS property to change the border of an element to YUV 41.8520, 38.0340, -19.1642 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(20, 38, 119) }
```


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

```
.border{ border-color:rgb(20, 38, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 38, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 38, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 38, 119);  
box-shadow:4px 4px 4px 4px rgb(20, 38,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 41.8520, 38.0340, -19.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 38, 119) }
```

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

```
.background{ background-color: rgb(20, 38,  
119) }
```

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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