

Converting Colors

YUV(41.4340, 18.5200,
-13.5356)

Have a look what the booklet for
YUV(41.4340, 18.5200, -13.5356)
contains.

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Color

**YUV(41.4340, 18.5200,
-13.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	1A2A4F
RGB	26, 42, 79
RGB Percent	10%, 16%, 31%
CMY	0.8980, 0.8353, 0.6902
CMYK	0.67, 0.47, 0.00, 0.69
HSL	222°, 50%, 21%
HSV	222°, 67%, 31%
XYZ	2.6652, 2.4401, 7.7276
YIQ	41.4340, -21.4130, 8.1150

Conversions

Conversions Part 2

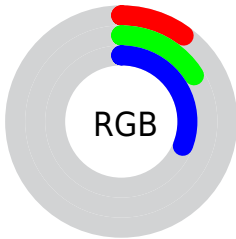
Format	Color
RYB	26, 38, 79
Decimal	1714767
CIELab	17.65, 6.88, -24.80
CIELCh	18, 25.733, 285.510
Yxy	2.4401, 0.2077, 0.1901
Android (android.graphics.Color)	4279904847 (0xFF1A2A4F)
YUV	41.4340, 18.5200, -13.5356
Hunter-Lab	15.6207, 3.1201, -18.3966

Details

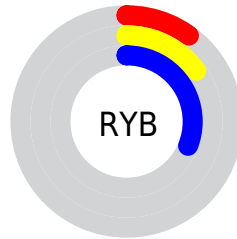
The YUV color **41.4340, 18.5200, -13.5356** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **63.5660, -18.5200, 13.5356**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.0860, 19.6776, -11.4764**, and **5.0500, 14.2723, -4.4289** is the 20% darker color. If you saturate the color by 10%, you get **35.5200, 21.4356, -15.3650**, and if you desaturate by 10%, it is **47.3480, 15.6044, -11.7062**.

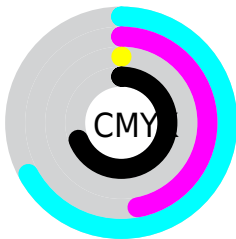
Distribution



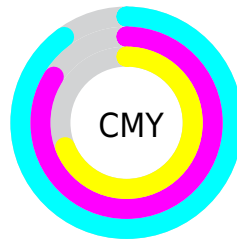
- Red (10%)
- Green (16%)
- Blue (31%)



- Red (10%)
- Yellow (15%)
- Blue (31%)



- Cyan (67%)
- Magenta (47%)
- Yellow (0%)
- Black (69%)



- Cyan (90%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.4340, 18.5200, -13.5356 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 41.4340, 18.5200, -13.5356 by changing the saturation by 10% instead.

■ 41.4340, 18.5200,
-13.5356

■ 41.4340, 18.5200,
-13.5356

■ 255.0000, 0.0000,
0.0000

■ 19.2980, 18.0941,
-16.9243

■ 88.0860, 19.6776,
-11.4764

■ 5.0500, 14.2723,
-4.4289

■ 113.0260, 20.6932,
-10.5468

■ 1.0260, 3.9312,
-0.8998

■ 138.8410, 21.2774,
-11.2616

■ 0.0000, 0.0000,
0.0000

■ 165.2540, 21.5668,
-10.7468

■ 192.4820, 22.4404,
-10.9467

■ 219.2280, 17.6356,

-9.8470

■ 244.3350, 5.2578,
-6.4328

■ 41.4340, 18.5200,
-13.5356

■ 41.4340, 18.5200,
-13.5356

■ 35.5200, 21.4356,
-15.3650

■ 47.3480, 15.6044,
-11.7062

■ 30.1930, 24.0619,
-17.7093

■ 52.6750, 12.9782,
-9.3620

■ 24.2790, 26.9775,
-19.5387

■ 58.5890, 10.0626,
-7.5326

■ 23.0940, 27.5617,
-20.2534

■ 63.9160, 7.4364,
-5.1883

■ 69.8300, 4.5208,
-3.3589

■ 74.8580, 2.0420,
-1.6295

■ 80.7720, -0.8736,
0.2000

■ 86.0990, -3.4998,
2.5442

■ 92.0130, -6.4154,
4.3736

Harmonies

Analogous

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



37.1820, 20.6163, -32.6086



41.4340, 18.5200, -13.5356



44.5680, 12.0450, 10.0259

Triad

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



41.4340, 18.5200, -13.5356



42.2500, -12.4482, 26.0907



34.2860, -0.6340, -30.0688

Complementary

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



41.4340, 18.5200, -13.5356



63.5660, -18.5200, 13.5356

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.



37.1650, -10.4343, -13.2997



41.4340, 18.5200, -13.5356



41.3600, -19.4045, 17.2243

Square

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



41.4340, 18.5200, -13.5356



42.1610, -4.0234, 30.5538



39.6850, -19.0717, 3.7843



36.5660, 8.1020, -32.0684

Rectangle

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



41.4340, 18.5200, -13.5356



44.0810, 7.3551, 20.9770



39.6850, -19.0717, 3.7843



33.0150, -2.9654, -28.9542

Sweetspot

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



41.4340, 18.5200, -13.5356



87.8020, 6.9996, -5.0884



61.2150, 0.3870, -30.8836



42.1290, 4.3734, -2.7441



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



41.4340, 18.5200, -13.5356



43.1370, 29.0195, -21.1681



35.0320, 21.6762, 0.8489



35.6300, 1.1684, -1.4295



29.8250, 35.5823, -26.1565



66.7230, 80.4956, -58.5161

Inverse Universe

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



43.6710, -0.8238, 30.9835



46.6670, -1.3148, 48.5270



69.9680, -21.6762, -0.8489



35.4240, 0.2840, 2.2592



34.0320, -1.4948, 59.6079



76.6360, -3.7645, 134.5002

Previews

White Background



This preview shows how the YUV color 41.4340, 18.5200, -13.5356 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 41.4340, 18.5200, -13.5356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

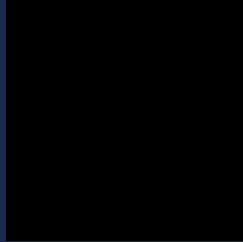
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.4340, 18.5200, -13.5356

Background



This preview shows how black text looks on a background with the YUV color 41.4340, 18.5200, -13.5356.



This preview shows how white text looks on a background with the YUV color 41.4340, 18.5200,

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

41.4340, 18.5200, -13.5356

Protanopia

41.1350, 18.6674, -14.1504

Tritanopia

34.1040, 8.8227, -29.9092

Trichromacy



Original Color

41.4340, 18.5200, -13.5356

Protanomaly

41.1350, 18.6674, -14.1504

Tritanomaly

36.7610, 12.4428, -24.3464

Monochromacy



Original Color

41.4340, 18.5200, -13.5356

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1010, 6.8522, -4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.4340, 18.5200, -13.5356 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(26, 42, 79)` looks like.

```
.text, #text, p{  
    color:rgb(26, 42, 79)  
}
```

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(26, 42, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 42, 79) }
```

Border

The CSS property to change the border of an element to YUV 41.4340, 18.5200, -13.5356 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(26, 42, 79) }
```

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

```
.border{ border-color:rgb(26, 42, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 42, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 42, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 42, 79);  
box-shadow:4px 4px 4px 4px rgb(26, 42, 79)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.4340, 18.5200, -13.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 42, 79) }
```

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

```
.background{ background-color: rgb(26, 42,  
79) }
```

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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