

Converting Colors

YUV(46.1470, 13.7315,
-17.6689)

Have a look what the booklet for
YUV(46.1470, 13.7315, -17.6689)
contains.

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Color

**YUV(46.1470, 13.7315,
-17.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	1A334A
RGB	26, 51, 74
RGB Percent	10%, 20%, 29%
CMY	0.8980, 0.8000, 0.7098
CMYK	0.65, 0.31, 0.00, 0.71
HSL	209°, 48%, 20%
HSV	209°, 65%, 29%
XYZ	2.8459, 3.0817, 6.9234
YIQ	46.1470, -22.2830, 1.8530

Conversions

Conversions Part 2

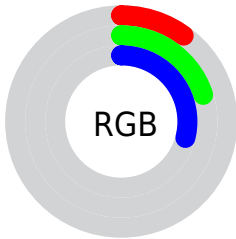
Format	Color
RYB	26, 42, 74
Decimal	1717066
CIELab	20.37, -1.50, -17.12
CIELCh	20, 17.189, 265.000
Yxy	3.0817, 0.2215, 0.2398
Android (android.graphics.Color)	4279907146 (0xFF1A334A)
YUV	46.1470, 13.7315, -17.6689
Hunter-Lab	17.5547, -1.7834, -11.0951

Details

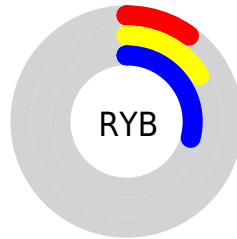
The YUV color **46.1470, 13.7315, -17.6689** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.8530, -13.7315, 17.6689**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.0870, 14.7471, -16.7393**, and **5.7680, 11.9464, -5.0585** is the 20% darker color. If you saturate the color by 10%, you get **41.7060, 15.9209, -19.9132**, and if you desaturate by 10%, it is **50.5880, 11.5421, -15.4247**.

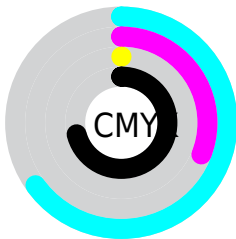
Distribution



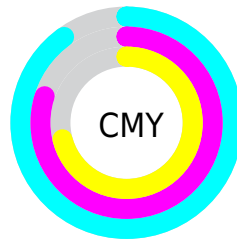
- Red (10%)
- Green (20%)
- Blue (29%)



- Red (10%)
- Yellow (16%)
- Blue (29%)



- Cyan (65%)
- Magenta (31%)
- Yellow (0%)
- Black (71%)



- Cyan (90%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.1470, 13.7315, -17.6689 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 46.1470, 13.7315, -17.6689 by changing the saturation by 10% instead.

■ 46.1470, 13.7315,
-17.6689

■ 46.1470, 13.7315,
-17.6689

■ 255.0000, 0.0000,
0.0000

■ 23.4240, 13.5950,
-20.5428

■ 93.0870, 14.7471,
-16.7393

■ 5.7680, 11.9464,
-5.0585

■ 118.2010, 15.1839,
-16.8393

■ 0.1140, 0.4368,
-0.1000

■ 144.2010, 15.1839,
-16.8393

■ 0.0000, 0.0000,
0.0000

■ 170.4290, 16.0575,
-17.0392

■ 198.1300, 16.2049,
-17.6540

■ 225.6740, 14.4577,

-17.2541

■ 249.0200, 2.9481,
-12.2955

■ 46.1470, 13.7315,
-17.6689

■ 46.1470, 13.7315,
-17.6689

■ 41.7060, 15.9209,
-19.9132

■ 50.5880, 11.5421,
-15.4247

■ 37.5530, 17.9684,
-23.2870

■ 54.7410, 9.4947,
-12.0509

■ 33.1120, 20.1578,
-25.5312

■ 59.1820, 7.3053,
-9.8066

■ 31.3290, 21.0368,
-27.4755

■ 63.3350, 5.2578,
-6.4328

■ 67.7760, 3.0684,
-4.1886

■ 71.6300, 1.1684,
-1.4295

■ 76.3700, -1.1684,
1.4295

■ 80.2240, -3.0684,
4.1886

■ 84.9640, -5.4053,
7.0476

Harmonies

Analogous

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



39.5640, 14.5119, -34.6976



46.1470, 13.7315, -17.6689



49.8500, 10.9200, -2.4994

Triad

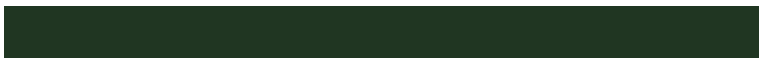
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.1470, 13.7315, -17.6689



49.7530, -5.3012, 20.3876



45.1420, -5.4930, -11.5255

Complementary

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



46.1470, 13.7315, -17.6689



53.8530, -13.7315, 17.6689

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.



47.2420, -10.4723, -1.0892



46.1470, 13.7315, -17.6689



49.1780, -9.9478, 17.3839

Square

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



46.1470, 13.7315, -17.6689



50.3490, 0.8139, 18.9879



48.5530, -12.1046, 9.1620



42.0030, 1.9705, -25.4356

Rectangle

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



46.1470, 13.7315, -17.6689



50.8080, 7.9827, 6.3074



48.5530, -12.1046, 9.1620



46.2950, -7.5404, -8.1517

Sweetspot

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



46.1470, 13.7315, -17.6689



86.0360, 5.4053, -7.0476



56.6840, -4.2812, -26.9099



41.7760, 3.0684, -4.1886



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



46.1470, 13.7315, -17.6689



53.1440, 21.6210, -28.1903



32.6460, 20.3875, -5.8285



35.6300, 1.1684, -1.4295



42.7390, 29.2157, -37.4821



96.6600, 65.7366, -84.7708

Inverse Universe

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



43.2020, 3.8444, 27.0098



48.2840, 6.2690, 42.7239



67.3540, -20.3875, 5.8285



35.4240, 0.2840, 2.2592



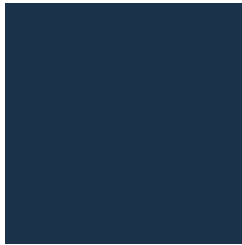
36.5400, 8.1148, 57.4084



82.4500, 18.5122, 129.4014

Previews

White Background



This preview shows how the YUV color 46.1470, 13.7315, -17.6689 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 46.1470, 13.7315, -17.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

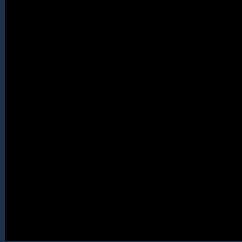
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

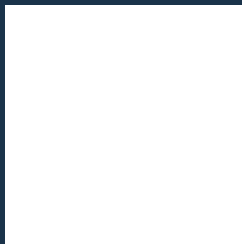
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 46.1470, 13.7315, -17.6689

Background



This preview shows how black text looks on a background with the YUV color 46.1470, 13.7315, -17.6689.



This preview shows how white text looks on a background with the YUV color 46.1470, 13.7315,

-17.6689.

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

46.1470, 13.7315, -17.6689

Protanopia

48.6430, 11.5150, -6.7029

Deuteranopia

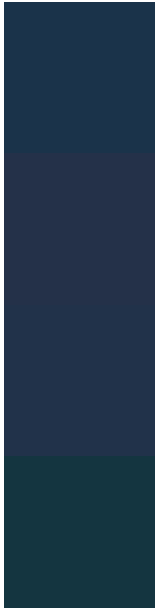
48.2620, 12.6888, -9.8768



Tritanopia

43.3930, 7.2013, -23.1467

Trichromacy



Original Color

46.1470, 13.7315, -17.6689

Protanomaly

47.8490, 12.3994, -10.3916

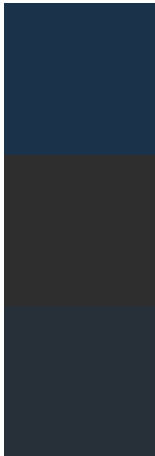
Deuteranomaly

47.6530, 12.9891, -12.8507

Tritanomaly

44.3870, 9.6692, -21.3874

Monochromacy



Original Color

46.1470, 13.7315, -17.6689

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2210, 4.8210, -6.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.1470, 13.7315, -17.6689 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, 51, 74)` looks like.

```
.text, #text, p{  
    color:rgb(26, 51, 74)  
}
```

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, 51, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 51, 74) }
```

Border

The CSS property to change the border of an element to YUV 46.1470, 13.7315, -17.6689 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, 51, 74) }
```


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

```
.border{ border-color:rgb(26, 51, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 51, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 51, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 51, 74);  
box-shadow:4px 4px 4px 4px rgb(26, 51, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.1470, 13.7315, -17.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 51, 74) }
```

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

```
.background{ background-color: rgb(26, 51,  
74) }
```

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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