

Converting Colors

YUV(46.3490, 14.1249, -3.8141)

Have a look what the booklet for
YUV(46.3490, 14.1249, -3.8141)
contains.

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Color

**YUV(46.3490, 14.1249,
-3.8141)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2B4B
RGB	42, 43, 75
RGB Percent	16%, 17%, 29%
CMY	0.8353, 0.8314, 0.7059
CMYK	0.44, 0.43, 0.00, 0.71
HSL	238°, 28%, 23%
HSV	238°, 44%, 29%
XYZ	3.0887, 2.7280, 7.0204
YIQ	46.3490, -10.8680, 9.7400

Conversions

Conversions Part 2

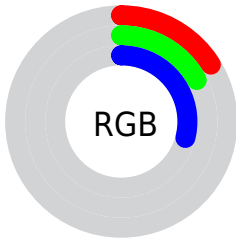
Format	Color
R_{YB}	42, 43, 75
Decimal	2763595
CIE _{Lab}	18.92, 9.04, -19.99
CIE _{LCh}	19, 21.941, 294.334
Yxy	2.7280, 0.2406, 0.2125
Android (android.graphics.Color)	4280953675 (0xFF2A2B4B)
YUV	46.3490, 14.1249, -3.8141
Hunter-Lab	16.5166, 4.4766, -13.6395

Details

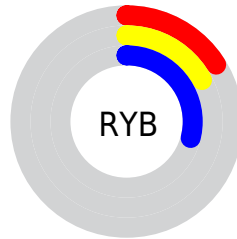
The YUV color **46.3490, 14.1249, -3.8141** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **70.6510, -14.1249, 3.8141**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.4030, 15.5773, -2.9844**, and **3.5340, 13.5407, -3.0993** is the 20% darker color. If you saturate the color by 10%, you get **40.1470, 17.1825, -4.5139**, and if you desaturate by 10%, it is **52.5510, 11.0674, -3.1142**.

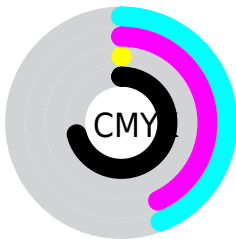
Distribution



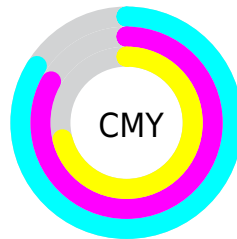
- Red (16%)
- Green (17%)
- Blue (29%)



- Red (16%)
- Yellow (17%)
- Blue (29%)



- Cyan (44%)
- Magenta (43%)
- Yellow (0%)
- Black (71%)



- Cyan (84%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.3490, 14.1249, -3.8141 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 46.3490, 14.1249, -3.8141 by changing the saturation by 10% instead.

■ 46.3490, 14.1249,
-3.8141

■ 46.3490, 14.1249,
-3.8141

■ 255.0000, 0.0000,
0.0000

■ 25.1100, 13.2568,
-5.3585

■ 92.4030, 15.5773,
-2.9844

■ 3.5340, 13.5407,
-3.0993

■ 117.5170, 16.0141,
-3.0844

■ 0.2280, 0.8736,
-0.2000

■ 143.0440, 16.7403,
-2.6696

■ 0.0000, 0.0000,
0.0000

■ 169.4570, 17.0297,
-2.1548

■ 196.5710, 17.4665,
-2.2548

■ 224.0010, 15.2825,

-1.7549

249.6950, 2.6154,
1.1445

46.3490, 14.1249,
-3.8141

46.3490, 14.1249,
-3.8141

40.1470, 17.1825,
-4.5139

52.5510, 11.0674,
-3.1142

33.0590, 20.6769,
-5.3137

59.6390, 7.5730,
-2.3144

26.8570, 23.7345,
-6.0136

66.1400, 4.3680,
-0.9998

20.3560, 26.9395,
-7.3282

72.3420, 1.3104,
-0.2999

14.1540, 29.9971,
-8.0281

78.8430, -1.8946,
1.0147

■ 9.7240, 32.1811,
-8.5279

■ 85.6320, -5.2416,
1.1997

■ 92.1330, -8.4466,
2.5144

■ 98.3350, -11.5042,
3.2142

■ 104.8360,
-14.7091, 4.5288

Harmonies

Analogous

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



38.5520, 19.4479, -31.1791



46.3490, 14.1249, -3.8141



47.9660, 8.3978, 13.1848

Triad

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



46.3490, 14.1249, -3.8141



45.2170, -12.4320, 20.8577



36.4860, 2.7184, -31.9982

Complementary

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



46.3490, 14.1249, -3.8141



70.6510, -14.1249, 3.8141

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.



40.4790, -6.6451, -15.3291



46.3490, 14.1249, -3.8141



44.6520, -15.6044, 11.7062

Square

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



46.3490, 14.1249, -3.8141



45.6720, -5.7543, 25.7207



43.0310, -13.8193, -0.9042



38.4240, 10.1440, -33.6978

Rectangle

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



46.3490, 14.1249, -3.8141



46.8700, 4.0081, 21.1620



43.0310, -13.8193, -0.9042



35.9270, 0.5290, -29.7540

Sweetspot

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



46.3490, 14.1249, -3.8141



86.0690, 5.3890, -1.8145



65.0190, 4.4276, -20.1877



41.7980, 3.0576, -0.6998



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.



46.3490, 14.1249, -3.8141



52.4010, 21.9873, -5.6137



50.2470, 12.2032, 5.9224



35.0430, 1.4578, -0.9147



13.3890, 43.6852, -11.7422



30.3290, 98.4378, -26.5985

Inverse Universe

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



51.9810, -4.4276, 20.1877



61.3630, -7.0810, 31.2536



66.7530, -12.2032, -5.9224



35.3100, -0.1528, 2.3591



30.8400, -13.7251, 62.4073



69.5680, -30.8460, 140.6989

Previews

White Background



This preview shows how the YUV color 46.3490, 14.1249, -3.8141 looks on a white background.

Color Contrast Check

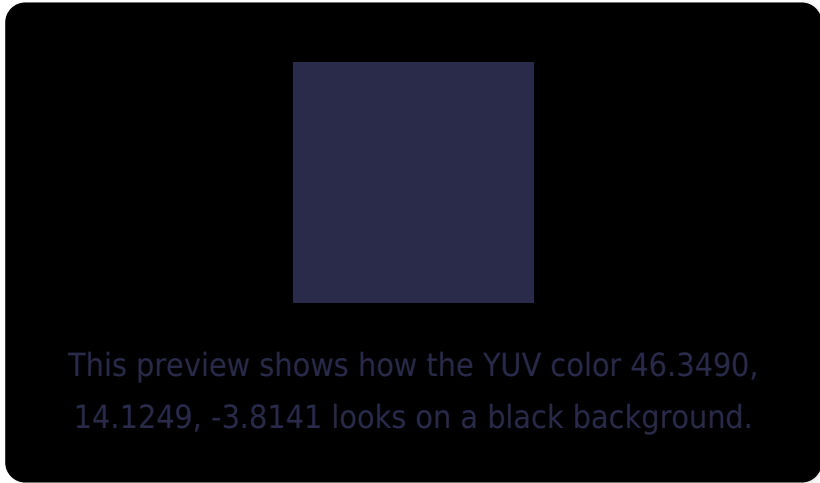
Large Text (above 18pt) WCAG AA ✓ Pass

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

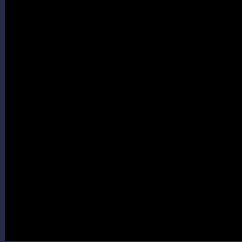
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.3490, 14.1249, -3.8141

Background



This preview shows how black text looks on a background with the YUV color 46.3490, 14.1249, -3.8141.



This preview shows how white text looks on a background with the YUV color 46.3490, 14.1249,

-3.8141.

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

46.3490, 14.1249, -3.8141

Protanopia

45.0600, 15.7464, -10.5766

Deuteranopia

44.1090, 14.7363, -13.2506



Tritanopia

44.8680, 3.5161, -7.7772

Trichromacy



Original Color

46.3490, 14.1249, -3.8141

Protanomaly

45.2560, 15.1568, -8.1175

Deuteranomaly

45.0170, 14.2886, -9.6619

Tritanomaly

45.2040, 7.2944, -6.3179

Monochromacy



Original Color

46.3490, 14.1249, -3.8141

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.3680, 5.2416, -1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.3490, 14.1249, -3.8141 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(42, 43, 75)` looks like.

```
.text, #text, p{  
    color:rgb(42, 43, 75)  
}
```

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(42, 43, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 43, 75) }
```

Border

The CSS property to change the border of an element to YUV 46.3490, 14.1249, -3.8141 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(42, 43, 75) }
```


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

```
.border{ border-color:rgb(42, 43, 75) }
```

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

Here you see how a box with a 4 pixel rgb(42, 43, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 43, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 43, 75);  
box-shadow:4px 4px 4px 4px rgb(42, 43, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.3490, 14.1249, -3.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 43, 75) }
```

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

```
.background{ background-color: rgb(42, 43,  
75) }
```

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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