

Converting Colors

YUV(46.2240, 13.6936, -5.4584)

Have a look what the booklet for
YUV(46.2240, 13.6936, -5.4584)
contains.

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Color

**YUV(46.2240, 13.6936,
-5.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	282C4A
RGB	40, 44, 74
RGB Percent	16%, 17%, 29%
CMY	0.8431, 0.8275, 0.7098
CMYK	0.46, 0.41, 0.00, 0.71
HSL	233°, 30%, 22%
HSV	233°, 46%, 29%
XYZ	3.0118, 2.7469, 6.8500
YIQ	46.2240, -12.0140, 8.4820

Conversions

Conversions Part 2

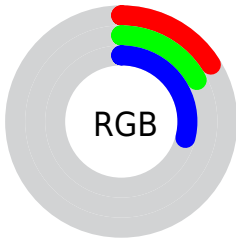
Format	Color
RYB	40, 44, 74
Decimal	2632778
CIELab	19.00, 7.36, -19.20
CIELCh	19, 20.560, 290.970
Yxy	2.7469, 0.2389, 0.2179
Android (android.graphics.Color)	4280822858 (0xFF282C4A)
YUV	46.2240, 13.6936, -5.4584
Hunter-Lab	16.5738, 3.4330, -12.9033

Details

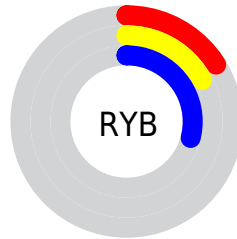
The YUV color **46.2240, 13.6936, -5.4584** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **67.7760, -13.6936, 5.4584**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.2780, 15.1459, -4.6288**, and **3.4200, 13.1039, -2.9993** is the 20% darker color. If you saturate the color by 10%, you get **40.0220, 16.7512, -6.1583**, and if you desaturate by 10%, it is **52.4260, 10.6360, -4.7586**.

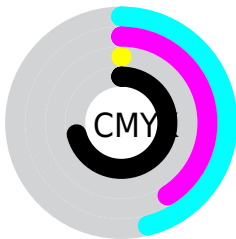
Distribution



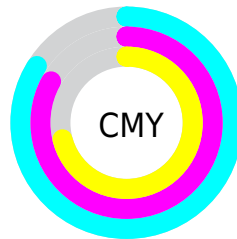
- Red (16%)
- Green (17%)
- Blue (29%)



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



- Cyan (46%)
- Magenta (41%)
- Yellow (0%)
- Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 46.2240, 13.6936, -5.4584 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 46.2240, 13.6936, -5.4584 by changing the saturation by 10% instead.

■ 46.2240, 13.6936,
-5.4584

■ 46.2240, 13.6936,
-5.4584

■ 255.0000, 0.0000,
0.0000

■ 24.9850, 12.8254,
-7.0028

■ 92.2780, 15.1459,
-4.6288

■ 3.4200, 13.1039,
-2.9993

■ 117.3920, 15.5827,
-4.7288

■ 0.1140, 0.4368,
-0.1000

■ 142.8050, 15.8721,
-4.2140

■ 0.0000, 0.0000,
0.0000

■ 169.6200, 16.4563,
-4.9287

■ 197.0330, 16.7457,
-4.4139

■ 224.5770, 14.9985,

-4.0140

249.3850, 2.7682,
-1.2146

46.2240, 13.6936,
-5.4584

46.2240, 13.6936,
-5.4584

40.0220, 16.7512,
-6.1583

52.4260, 10.6360,
-4.7586

34.1080, 19.6668,
-7.9877

58.3400, 7.7204,
-2.9292

27.9060, 22.7243,
-8.6876

64.5420, 4.6628,
-2.2293

21.9920, 25.6399,
-10.5170

70.4560, 1.7472,
-0.3999

15.7900, 28.6975,
-11.2168

76.6580, -1.3104,
0.2999

■ 13.7190, 29.7185,
-12.0316

■ 82.2730, -4.0786,
1.5146

■ 88.7740, -7.2836,
2.8292

■ 94.3890, -10.0518,
4.0438

■ 100.8900,
-13.2568, 5.3585

Harmonies

Analogous

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



38.8080, 17.8427, -29.6496



46.2240, 13.6936, -5.4584



47.6560, 8.5506, 10.8257

Triad

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



46.2240, 13.6936, -5.4584



45.5590, -11.1216, 20.5578



35.7850, 2.5710, -31.3834

Complementary

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



46.2240, 13.6936, -5.4584



67.7760, -13.6936, 5.4584

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.



41.6750, -7.2348, -12.8700



46.2240, 13.6936, -5.4584



45.2930, -14.4414, 12.0210

Square

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



46.2240, 13.6936, -5.4584



46.1880, -5.0227, 24.3911



44.1560, -13.3879, 0.7402



38.0820, 8.8336, -33.3979

Rectangle

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



46.2240, 13.6936, -5.4584



47.5600, 4.1609, 18.8029



44.1560, -13.3879, 0.7402



38.5040, -1.2345, -24.1210

Sweetspot

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



46.2240, 13.6936, -5.4584



85.7700, 5.5364, -2.4293



63.2640, 2.8278, -20.4025



41.4990, 3.2050, -1.3146



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.



46.2240, 13.6936, -5.4584



53.5640, 21.4139, -8.3876



47.4640, 13.0822, 3.9781



35.0430, 1.4578, -0.9147



18.6720, 41.0807, -16.3753



42.0690, 92.6500, -36.8945

Inverse Universe

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



50.6220, -3.2646, 20.5025



60.5310, -5.1918, 31.9833



66.5360, -13.0822, -3.9781



35.3100, -0.1528, 2.3591



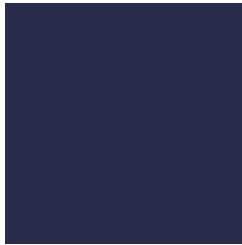
31.8660, -9.7939, 61.5075



71.8480, -22.1101, 138.6993

Previews

White Background



This preview shows how the YUV color 46.2240, 13.6936, -5.4584 looks on a white background.

Color Contrast Check

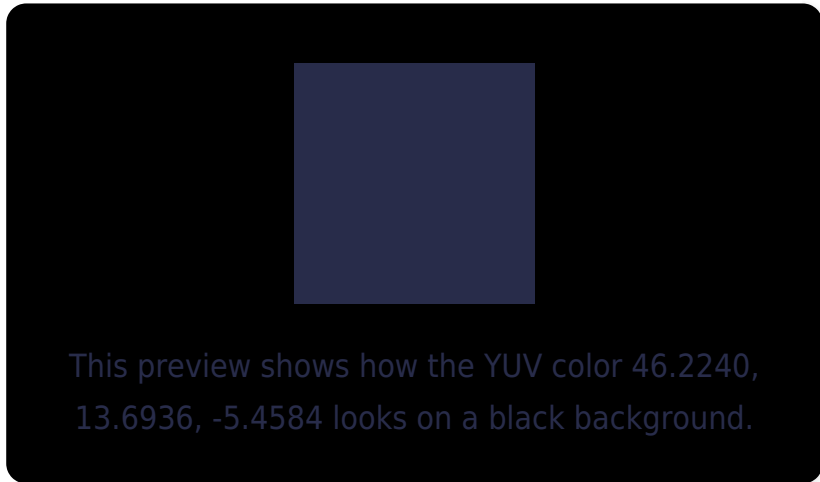
Large Text (above 18pt) WCAG AA ✓ Pass

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

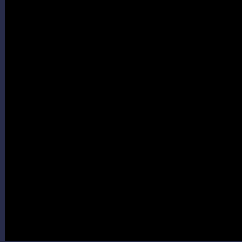
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.2240, 13.6936, -5.4584

Background



This preview shows how black text looks on a background with the YUV color 46.2240, 13.6936, -5.4584.



This preview shows how white text looks on a background with the YUV color 46.2240, 13.6936,

-5.4584.

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

46.2240, 13.6936, -5.4584

Protanopia

45.1310, 14.7254, -9.7619

Deuteranopia

44.5930, 14.0047, -11.9211



Tritanopia

44.9710, 3.9583, -9.6216

Trichromacy



Original Color

46.2240, 13.6936, -5.4584

Protanomaly

45.7290, 14.4306, -8.5323

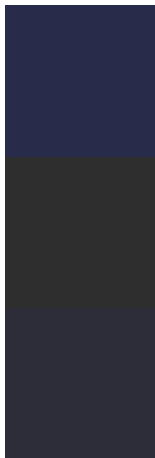
Deuteranomaly

44.9030, 13.8518, -9.5619

Tritanomaly

45.3070, 7.7366, -8.1622

Monochromacy



Original Color

46.2240, 13.6936, -5.4584

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9550, 4.9522, -1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.2240, 13.6936, -5.4584 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(40, 44, 74)` looks like.

```
.text, #text, p{  
    color:rgb(40, 44, 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(40, 44, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 44, 74) }
```

Border

The CSS property to change the border of an element to YUV 46.2240, 13.6936, -5.4584 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(40, 44, 74) }
```


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

```
.border{ border-color:rgb(40, 44, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 44, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 44, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 44, 74);  
box-shadow:4px 4px 4px 4px rgb(40, 44, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.2240, 13.6936, -5.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 44, 74) }
```

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

```
.background{ background-color: rgb(40, 44,  
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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