

Converting Colors

YUV(51.5230, 13.5462, -4.8437)

Have a look what the booklet for
YUV(51.5230, 13.5462, -4.8437)
contains.

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Color

**YUV(51.5230, 13.5462,
-4.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	2E314F
RGB	46, 49, 79
RGB Percent	18%, 19%, 31%
CMY	0.8196, 0.8078, 0.6902
CMYK	0.42, 0.38, 0.00, 0.69
HSL	235°, 26%, 25%
HSV	235°, 42%, 31%
XYZ	3.6363, 3.3420, 7.8505
YIQ	51.5230, -11.4180, 8.6940

Conversions

Conversions Part 2

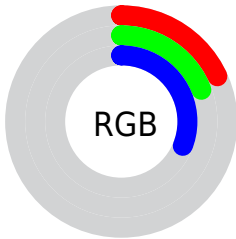
Format	Color
R_YB	46, 49, 79
Decimal	3027279
CIE Lab	21.36, 7.42, -18.82
CIE LCh	21, 20.232, 291.528
Yxy	3.3420, 0.2452, 0.2254
Android (android.graphics.Color)	4281217359 (0xFF2E314F)
YUV	51.5230, 13.5462, -4.8437
Hunter-Lab	18.2811, 3.5137, -12.6645




Details

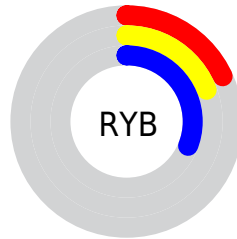
The YUV color **51.5230, 13.5462, -4.8437** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73.4770, -13.5462, 4.8437**, and the grayscale version is **51.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **98.1640, 14.7091, -4.5288**, and **4.8760, 14.8511, -3.3993** is the 20% darker color. If you saturate the color by 10%, you get **45.0220, 16.7512, -6.1583**, and if you desaturate by 10%, it is **58.0240, 10.3412, -3.5290**.

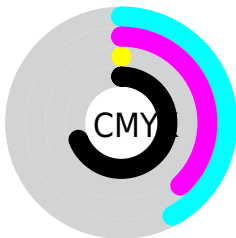
Distribution







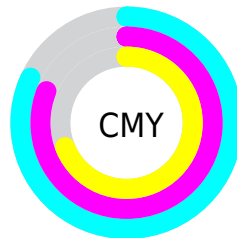
-  Red (18%)
-  Green (19%)
-  Blue (31%)






-  Red (18%)
-  Yellow (19%)
-  Blue (31%)



-  Cyan (42%)
-  Magenta (38%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (82%)
-  Magenta (81%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.5230, 13.5462, -4.8437 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 51.5230, 13.5462, -4.8437 by changing the saturation by 10% instead.

■ 51.5230, 13.5462,
-4.8437

■ 51.5230, 13.5462,
-4.8437

■ 255.0000, 0.0000,
0.0000

■ 29.9960, 12.8200,
-5.2585

■ 98.1640, 14.7091,
-4.5288

■ 4.8760, 14.8511,
-3.3993

■ 123.2780, 15.1459,
-4.6288

■ 1.1400, 4.3680,
-0.9998

■ 148.8050, 15.8721,
-4.2140

■ 0.0000, 0.0000,
0.0000

■ 175.9190, 16.3089,
-4.3140

■ 203.3320, 16.5983,
-3.7992

■ 230.1920, 12.2303,

-2.7994

■ 51.5230, 13.5462,
-4.8437

■ 51.5230, 13.5462,
-4.8437

■ 45.0220, 16.7512,
-6.1583

■ 58.0240, 10.3412,
-3.5290

■ 38.5210, 19.9561,
-7.4729

■ 64.5250, 7.1362,
-2.2144

■ 31.4330, 23.4505,
-8.2727

■ 71.6130, 3.6418,
-1.4146

■ 24.9320, 26.6555,
-9.5874

■ 78.1140, 0.4368,
-0.1000

■ 18.7300, 29.7131,
-10.2872

■ 84.6150, -2.7682,
1.2146

■ 13.1150, 32.4813,
-11.5019

■ 90.8170, -5.8258,
1.9145

■ 97.3180, -9.0308,
3.2291

■ 103.8190,
-12.2358, 4.5437

■ 110.9070,
-15.7302, 5.3436

Harmonies

Analogous

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



45.7160, 17.3950, -26.0609



51.5230, 13.5462, -4.8437



52.9550, 8.4032, 11.4405

Triad

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



51.5230, 13.5462, -4.8437



51.4450, -11.5584, 20.6577



41.9700, 1.9868, -30.6687

Complementary

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



51.5230, 13.5462, -4.8437



73.4770, -13.5462, 4.8437

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.



46.6750, -7.2348, -12.8700



51.5230, 13.5462, -4.8437



50.2930, -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.



51.5230, 13.5462, -4.8437



52.0740, -5.4595, 24.4911



49.2700, -12.9511, 0.6402



41.7010, 10.0074, -36.5718

Rectangle

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



51.5230, 13.5462, -4.8437



52.5600, 4.1609, 18.8029



49.2700, -12.9511, 0.6402



43.8030, -1.3819, -23.5062

Sweetspot

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



51.5230, 13.5462, -4.8437



91.0690, 5.3890, -1.8145



68.7910, 3.5540, -19.9877



44.4990, 3.2050, -1.3146



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.



51.5230, 13.5462, -4.8437



59.7490, 20.8297, -7.6729



53.6490, 12.4980, 4.6928



35.0430, 1.4578, -0.9147



16.9110, 41.9489, -14.8309



38.5470, 94.3863, -33.8057

Inverse Universe

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



56.2090, -3.5540, 19.9877



66.8190, -5.3338, 30.8537



71.3510, -12.4980, -4.6928



35.3100, -0.1528, 2.3591



31.5240, -11.1043, 61.8075



71.1640, -24.7309, 139.2992

Previews

White Background



This preview shows how the YUV color 51.5230, 13.5462, -4.8437 looks on a white background.

Color Contrast Check

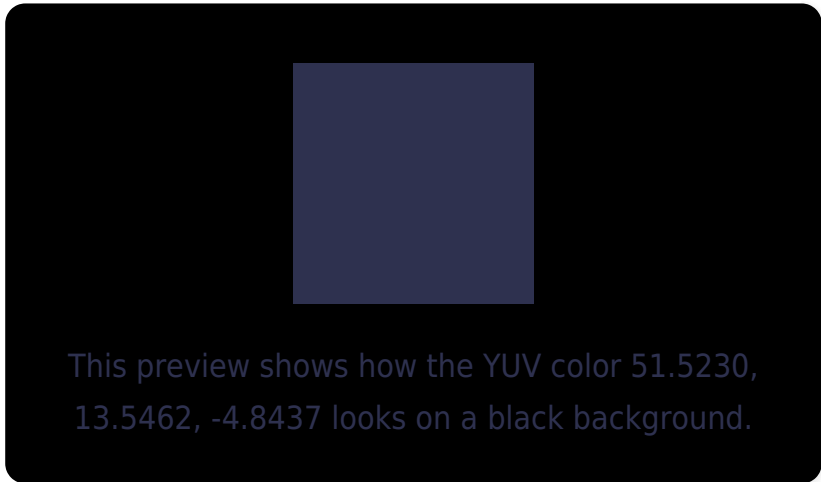
Large Text (above 18pt) WCAG AA ✓ Pass

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

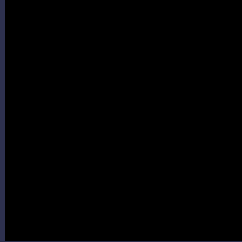
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.5230, 13.5462, -4.8437

Background



This preview shows how black text looks on a background with the YUV color 51.5230, 13.5462, -4.8437.



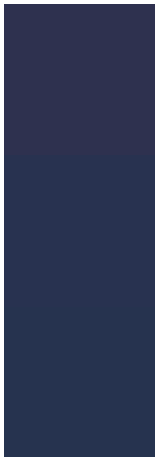
This preview shows how white text looks on a background with the YUV color 51.5230, 13.5462,

-4.8437.

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

51.5230, 13.5462, -4.8437

Protanopia

50.4300, 14.5780, -9.1471

Deuteranopia

50.3050, 14.1466, -10.7915



Tritanopia

49.9820, 3.9529, -7.8772

Trichromacy



Original Color

51.5230, 13.5462, -4.8437

Protanomaly

51.0280, 14.2832, -7.9176

Deuteranomaly

50.6150, 13.9938, -8.4324

Tritanomaly

50.9050, 7.4418, -6.9327

Monochromacy



Original Color

51.5230, 13.5462, -4.8437

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9550, 4.9522, -1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.5230, 13.5462, -4.8437 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(46, 49, 79)` looks like.

```
.text, #text, p{  
    color:rgb(46, 49, 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(46, 49, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 49, 79) }
```

Border

The CSS property to change the border of an element to YUV 51.5230, 13.5462, -4.8437 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(46, 49, 79) }
```


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

```
.border{ border-color:rgb(46, 49, 79) }
```

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

Here you see how a box with a 4 pixel rgb(46, 49, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 49, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 49, 79);  
box-shadow:4px 4px 4px 4px rgb(46, 49, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.5230, 13.5462, -4.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 49, 79) }
```

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

```
.background{ background-color: rgb(46, 49,  
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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