

Converting Colors

YUV(82.2240, 13.6936, -5.4584)

Have a look what the booklet for
YUV(82.2240, 13.6936, -5.4584)
contains.

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Color

**YUV(82.2240, 13.6936,
-5.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	4C506E
RGB	76, 80, 110
RGB Percent	30%, 31%, 43%
CMY	0.7020, 0.6863, 0.5686
CMYK	0.31, 0.27, 0.00, 0.57
HSL	233°, 18%, 36%
HSV	233°, 31%, 43%
XYZ	8.6636, 8.3996, 15.9165
YIQ	82.2240, -12.0140, 8.4820

Conversions

Conversions Part 2

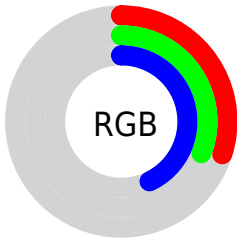
Format	Color
R_{YB}	76, 80, 110
Decimal	5001326
CIE Lab	34.80, 6.05, -17.77
CIE LCh	35, 18.768, 288.801
Yxy	8.3996, 0.2627, 0.2547
Android (android.graphics.Color)	4283191406 (0xFF4C506E)
YUV	82.2240, 13.6936, -5.4584
Hunter-Lab	28.9821, 2.6404, -12.2737

Details

The YUV color **82.2240, 13.6936, -5.4584** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **103.7760, -13.6936, 5.4584**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8650, 14.8566, -5.1436**, and **37.1700, 12.2412, -6.2881** is the 20% darker color. If you saturate the color by 10%, you get **73.0650, 18.2090, -7.0730**, and if you desaturate by 10%, it is **91.3830, 9.1782, -3.8439**.

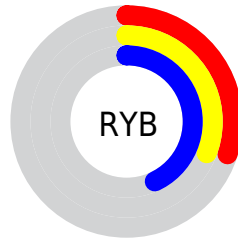
Distribution



 Red (30%)

 Green (31%)

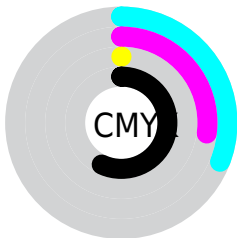
 Blue (43%)




 Red (30%)

 Yellow (31%)

 Blue (43%)

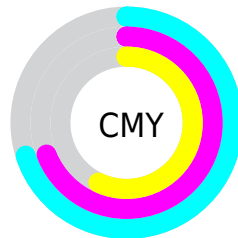


 Cyan (31%)

 Magenta (27%)

 Yellow (0%)

 Black (57%)



 Cyan (70%)

 Magenta (69%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2240, 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 82.2240, 13.6936, -5.4584 by changing the saturation by 10% instead.

■ 82.2240, 13.6936,
-5.4584

■ 82.2240, 13.6936,
-5.4584

■ 255.0000, 0.0000,
0.0000

■ 59.1100, 13.2568,
-5.3585

■ 131.8650, 14.8566,
-5.1436

■ 37.1700, 12.2412,
-6.2881

■ 157.9790, 15.2934,
-5.2436

■ 15.1700, 12.2412,
-6.2881

■ 185.0930, 15.7302,
-5.3436

■ 2.7530, 8.0098,
-2.4144

■ 212.5060, 16.0195,
-4.8288

■ 0.0000, 0.0000,
0.0000

■ 239.0410, 7.8678,
-3.5440

■ 82.2240, 13.6936,
-5.4584

■ 82.2240, 13.6936,
-5.4584

■ 73.0650, 18.2090,
-7.0730

■ 91.3830, 9.1782,
-3.8439

■ 64.4930, 22.4350,
-9.2024

■ 99.9550, 4.9522,
-1.7145

■ 55.3340, 26.9503,
-10.8169

■ 109.1140, 0.4368,
-0.1000

■ 46.1750, 31.4657,
-12.4315

■ 118.2730, -4.0786,
1.5146

■ 37.0160, 35.9811,
-14.0460

■ 127.4320, -8.5940,
3.1291

■ 28.4440, 40.2071,
-16.1754

■ 136.0040,
-12.8200, 5.2585

■ 20.1710, 44.2857,
-17.6900

■ 145.1630,
-17.3354, 6.8730

■ 154.3220,

-21.8507, 8.4876

■ 162.8940,
-26.0767, 10.6170

Harmonies

Analogous

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



78.3960, 16.0738, -22.2723



82.2240, 13.6936, -5.4584



84.0580, 8.8454, 9.5961

Triad

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



82.2240, 13.6936, -5.4584



82.5700, -11.1270, 22.3021



75.8460, 0.0759, -24.4209

Complementary

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



82.2240, 13.6936, -5.4584



103.7760, -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.



78.4580, -8.1138, -10.9257



82.2240, 13.6936, -5.4584



81.4180, -14.0101, 13.6654

Square

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



82.2240, 13.6936, -5.4584



83.4870, -5.1701, 25.0059



80.1670, -13.3933, 2.4845



73.3700, 8.6916, -34.5275

Rectangle

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



82.2240, 13.6936, -5.4584



83.9620, 4.4557, 17.5733



80.1670, -13.3933, 2.4845



76.4830, -2.7031, -19.7176

Sweetspot

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



82.2240, 13.6936, -5.4584



132.0690, 5.3890, -1.8145



99.2640, 2.8278, -20.4025



64.7980, 3.0576, -0.6998



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



82.2240, 13.6936, -5.4584



99.5640, 21.4139, -8.3876



83.4640, 13.0822, 3.9781



51.2710, 2.3314, -1.1147



21.8980, 48.3643, -19.2045



45.1810, 99.4968, -39.6237

Inverse Universe

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



86.6220, -3.2646, 20.5025



106.5310, -5.1918, 31.9833



102.5360, -13.0822, -3.9781



51.9080, -0.4476, 3.5887



37.4760, -11.5737, 72.3735



77.1590, -23.7424, 148.9506

Previews

White Background



This preview shows how the YUV color 82.2240, 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



This preview shows how the YUV color 82.2240, 13.6936, -5.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

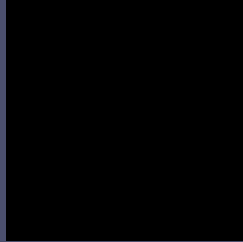
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2240, 13.6936, -5.4584

Background



This preview shows how black text looks on a background with the YUV color 82.2240, 13.6936, -5.4584.



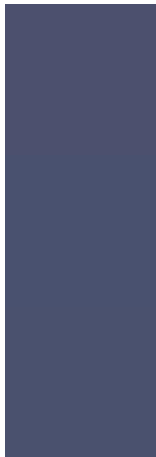
This preview shows how white text looks on a background with the YUV color 82.2240, 13.6936,

-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

82.2240, 13.6936, -5.4584

Protanopia

82.0280, 14.2832, -7.9176

Deuteranopia

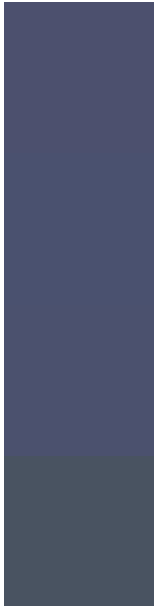
82.2130, 13.6990, -7.2028



Tritanopia

81.0960, 4.3897, -7.9772

Trichromacy



Original Color

82.2240, 13.6936, -5.4584

Protanomaly

82.3270, 14.1358, -7.3028

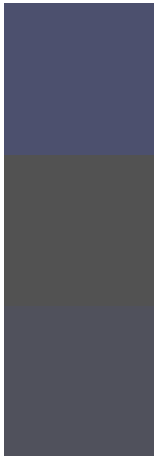
Deuteranomaly

82.5120, 13.5516, -6.5880

Tritanomaly

81.6060, 7.5892, -7.5475

Monochromacy



Original Color

82.2240, 13.6936, -5.4584

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9550, 4.9522, -1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2240, 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(76, 80, 110)` looks like.

```
.text, #text, p{  
    color:rgb(76, 80, 110)  
}
```

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(76, 80, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 80, 110) }
```

Border

The CSS property to change the border of an element to YUV 82.2240, 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(76, 80, 110) }
```


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

```
.border{ border-color:rgb(76, 80, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 80, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 80, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 80, 110);  
box-shadow:4px 4px 4px 4px rgb(76, 80,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 82.2240, 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(76, 80, 110) }
```

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

```
.background{ background-color: rgb(76, 80,  
110) }
```

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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