

# Converting Colors

YUV(81.4420, 6.1911, -25.8206)

Have a look what the booklet for  
YUV(81.4420, 6.1911, -25.8206)  
contains.

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# Color

**YUV(81.4420, 6.1911,  
-25.8206)**

# Conversions

## Conversions Part 1

Format	Color
Hex	345E5E
RGB	52, 94, 94
RGB Percent	20%, 37%, 37%
CMY	0.7961, 0.6314, 0.6314
CMYK	0.45, 0.00, 0.00, 0.63
HSL	180°, 29%, 29%
HSV	180°, 45%, 37%
XYZ	7.4393, 9.5436, 12.0397
YIQ	81.4420, -25.0320, -8.9040

# Conversions

## Conversions Part 2

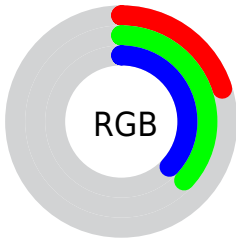
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 73, 94
Decimal	3432030
CIELab	37.01, -14.62, -4.60
CIElCh	37, 15.321, 197.462
Yxy	9.5436, 0.2563, 0.3288
Android (android.graphics.Color)	4281622110 (0xFF345E5E)
YUV	81.4420, 6.1911, -25.8206
Hunter-Lab	30.8928, -11.0779, -1.4819




# Details

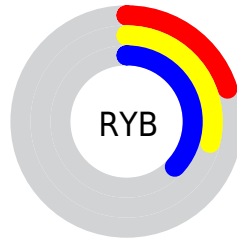
The YUV color **81.4420, 6.1911, -25.8206** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.5580, -6.1911, 25.8206**, and the grayscale version is **81.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **132.0290, 5.9017, -26.3354**, and **33.6480, 7.0755, -29.5093** is the 20% darker color. If you saturate the color by 10%, you get **78.7510, 7.5178, -31.3536**, and if you desaturate by 10%, it is **84.1330, 4.8644, -20.2876**.

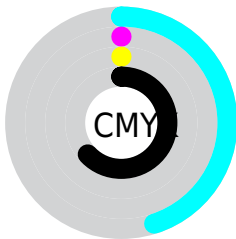
# Distribution







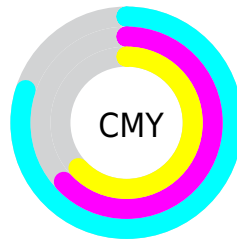
-  Red (20%)
-  Green (37%)
-  Blue (37%)






-  Red (20%)
-  Yellow (29%)
-  Blue (37%)



-  Cyan (45%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (80%)
-  Magenta (63%)
-  Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.4420, 6.1911, -25.8206 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 81.4420, 6.1911, -25.8206 by changing the saturation by 10% instead.



81.4420, 6.1911,  
-25.8206

81.4420, 6.1911,  
-25.8206

255.0000, 0.0000,  
0.0000

57.1430, 6.3385,  
-26.4354

132.0290, 5.9017,  
-26.3354

33.6480, 7.0755,  
-29.5093

157.8440, 6.4859,  
-27.0502

19.5140, 3.6906,  
-17.1138

184.8440, 6.4859,  
-27.0502

0.0000, 0.0000,  
0.0000

213.1320, 6.3439,  
-28.1798

241.2460, 6.7807,  
-28.2797

249.9170, 2.5059,

-10.4512

■ 81.4420, 6.1911,  
-25.8206

■ 81.4420, 6.1911,  
-25.8206

■ 78.7510, 7.5178,  
-31.3536

■ 84.1330, 4.8644,  
-20.2876

■ 75.7610, 8.9918,  
-37.5014

■ 87.1230, 3.3904,  
-14.1399

■ 73.0700, 10.3185,  
-43.0344

■ 89.8140, 2.0637,  
-8.6069

■ 70.0800, 11.7926,  
-49.1822

■ 92.8040, 0.5896,  
-2.4591

■ 67.3890, 13.1192,  
-54.7152

■ 95.4950, -0.7370,  
3.0739

■ 65.8940, 13.8563,  
-57.7890

■ 98.1860, -2.0637,  
8.6069

■ 101.1760, -3.5378,  
14.7546

■ 103.8670, -4.8644,  
20.2876

■ 106.8570, -6.3385,  
26.4354

# Harmonies

## Analogous

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



82.6510, -0.8139, -18.9879



81.4420, 6.1911, -25.8206



82.4080, 11.1379, -25.7908

# Triad

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



81.4420, 6.1911, -25.8206



89.2920, 7.2510, 7.6369



87.2760, -11.9681, 12.0359

# Complementary

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



81.4420, 6.1911, -25.8206



64.5580, -6.1911, 25.8206

# 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.



88.0040, -9.3690, 18.4135



81.4420, 6.1911, -25.8206



89.2670, 1.8404, 16.4288

# Square

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



81.4420, 6.1911, -25.8206



87.5400, 11.0728, -4.8586



88.3940, -4.1382, 20.7025



86.0360, -11.3567, 2.5994



# Rectangle

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



81.4420, 6.1911, -25.8206



83.7830, 12.4320, -20.8577



88.3940, -4.1382, 20.7025



87.2270, -10.9579, 14.7099

# Sweetspot

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



81.4420, 6.1911, -25.8206



117.2160, 2.3585, -9.8364



76.6540, -12.1544, -21.6216



58.0100, 1.4741, -6.1478



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



81.4420, 6.1911, -25.8206



102.2660, 9.7289, -40.5753



69.1150, 12.2683, -15.0099



44.5050, 0.7370, -3.0739



77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021



# Inverse Universe

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



69.3460, 12.1544, 21.6216



83.2580, 19.0998, 33.9767



76.8850, -12.2683, 15.0099



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279

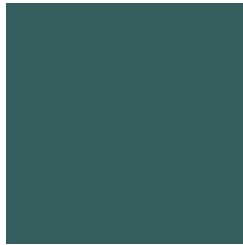


97.8810, 68.5857, 122.0074



# Previews

## White Background



This preview shows how the YUV color 81.4420, 6.1911, -25.8206 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 81.4420, 6.1911, -25.8206 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

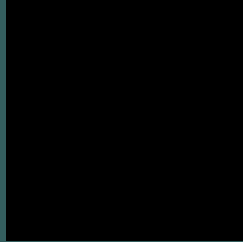
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 81.4420, 6.1911, -25.8206

## Background



This preview shows how black text looks on a background with the YUV color 81.4420, 6.1911, -25.8206.



This preview shows how white text looks on a background with the YUV color 81.4420, 6.1911, -25.8206.

-25.8206.

# 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

81.4420, 6.1911, -25.8206

### Protanopia

86.6410, 1.1630, 0.3148

### Deuteranopia

87.4610, 4.2097, 3.1037



## Tritanopia

82.2510, 9.2433, -24.7761

# Trichromacy



## Original Color

81.4420, 6.1911, -25.8206

## Protanomaly

84.7430, 3.0847, -9.4216

## Deuteranomaly

85.5090, 4.6791, -7.4624

## Tritanomaly

81.6100, 8.0803, -25.0910

# Monochromacy



## Original Color

81.4420, 6.1911, -25.8206

## Achromatopsia

81.0000, 0.0000, 0.0000

## Achromatomaly

81.2160, 2.3585, -9.8364

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.4420, 6.1911, -25.8206 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(52, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(52, 94, 94)  
}
```

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(52, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 94, 94) }
```

## Border

The CSS property to change the border of an element to YUV 81.4420, 6.1911, -25.8206 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(52, 94, 94) }
```



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

```
.border{ border-color:rgb(52, 94, 94) }
```

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

Here you see how a box with a 4 pixel rgb(52, 94, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(52, 94, 94)  
}
```

# Background

The CSS property to change the background color of an element to YUV 81.4420, 6.1911, -25.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 94, 94) }
```

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

```
.background{ background-color: rgb(52, 94,  
94) }
```

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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