

# Converting Colors

YUV(58.0370, 24.1388, 4.3526)

Have a look what the booklet for  
YUV(58.0370, 24.1388, 4.3526)  
contains.

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# Color

**YUV(58.0370, 24.1388,  
4.3526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F2E6B
RGB	63, 46, 107
RGB Percent	25%, 18%, 42%
CMY	0.7529, 0.8196, 0.5804
CMYK	0.41, 0.57, 0.00, 0.58
HSL	257°, 40%, 30%
HSV	257°, 57%, 42%
XYZ	5.6807, 4.0723, 14.3965
YIQ	58.0370, -9.4490, 22.5750

# Conversions

## Conversions Part 2

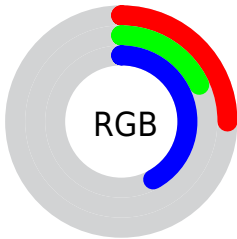
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 46, 107
Decimal	4140651
CIE <sub>Lab</sub>	23.91, 23.47, -33.08
CIE <sub>LCh</sub>	24, 40.560, 305.353
Yxy	4.0723, 0.2352, 0.1686
Android (android.graphics.Color)	4282330731 (0xFF3F2E6B)
YUV	58.0370, 24.1388, 4.3526
Hunter-Lab	20.1799, 14.9337, -28.1721

# Details

The YUV color **58.0370, 24.1388, 4.3526** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **94.9630, -24.1388, -4.3526**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.2160, 26.0225, 6.8266**, and **11.7980, 23.2706, 2.8082** is the 20% darker color. If you saturate the color by 10%, you get **49.1880, 28.5013, 5.0971**, and if you desaturate by 10%, it is **66.8860, 19.7762, 3.6080**.

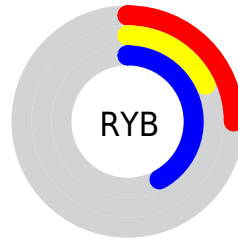
# Distribution



 Red (25%)

 Green (18%)

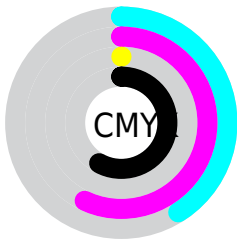
 Blue (42%)




 Red (25%)

 Yellow (18%)

 Blue (42%)

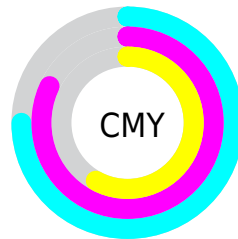


 Cyan (41%)

 Magenta (57%)

 Yellow (0%)

 Black (58%)



 Cyan (75%)

 Magenta (82%)

 Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 58.0370, 24.1388, 4.3526 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 58.0370, 24.1388, 4.3526 by changing the saturation by 10% instead.



■ 58.0370, 24.1388,  
4.3526

■ 58.0370, 24.1388,  
4.3526

■ 255.0000, 0.0000,  
0.0000

■ 35.3850, 22.9812,  
2.2934

■ 106.2160, 26.0225,  
6.8266

■ 11.7980, 23.2706,  
2.8082

■ 131.7430, 26.7487,  
7.2414

■ 5.3920, 15.5827,  
-4.7288

■ 158.2700, 27.4749,  
7.6562

■ 2.0690, 5.3890,  
-1.8145

■ 185.6830, 27.7643,  
8.1710

■ 0.0000, 0.0000,  
0.0000

■ 211.3860, 21.5017,  
10.1855

■ 236.4930, 9.1240,

13.5996

254.4130, 0.2894,  
0.5148

■ 58.0370, 24.1388,  
4.3526

■ 58.0370, 24.1388,  
4.3526

■ 49.1880, 28.5013,  
5.0971

■ 66.8860, 19.7762,  
3.6080

■ 41.2250, 32.4271,  
5.9417

■ 74.8490, 15.8504,  
2.7634

■ 32.3760, 36.7896,  
6.6862

■ 83.6980, 11.4879,  
2.0189

■ 23.5270, 41.1522,  
7.4308

■ 92.5470, 7.1253,  
1.2743

■ 21.1680, 42.3152,  
7.7457

■ 101.3960, 2.7628,  
0.5297

■ 109.3590, -1.1630,  
-0.3148

■ 118.2080, -5.5255,  
-1.0594

■ 127.0570, -9.8881,  
-1.8040

■ 135.0200,  
-13.8139, -2.6485

# Harmonies

## Analogous

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



48.0850, 34.4681, -42.1705



58.0370, 24.1388, 4.3526



56.0750, 13.2740, 35.8912

# Triad

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



58.0370, 24.1388, 4.3526



53.9120, -26.5786, 31.6492



48.1580, 6.8241, -42.2346

# Complementary

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



58.0370, 24.1388, 4.3526



94.9630, -24.1388, -4.3526

# 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.



43.9230, -6.8640, -38.5205



58.0370, 24.1388, 4.3526



53.1930, -26.2241, 11.2317

# Square

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



58.0370, 24.1388, 4.3526



52.5130, -14.5499, 46.9081



48.0220, -23.6748, -13.1743



51.5780, 19.9280, -45.2339



# Rectangle

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



58.0370, 24.1388, 4.3526



52.0890, 5.3791, 48.1569



48.0220, -23.6748, -13.1743



46.9040, 2.0193, -41.1348

# Sweetspot

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



58.0370, 24.1388, 4.3526



120.8290, 9.4513, 1.9040



79.3690, 13.6221, -29.2646



59.7920, 5.5255, 1.0594



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.



58.0370, 24.1388, 4.3526



63.6040, 37.6632, 6.4863



67.0070, 19.7165, 22.7959



49.2820, 2.3260, 0.6297



23.2050, 46.2409, 8.5902



48.2620, 96.9918, 17.3102



# Inverse Universe

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



69.2550, 10.2273, 33.1024



81.2710, 16.1354, 51.5053



85.9930, -19.7165, -22.7959



50.2500, 0.8628, 3.2887



44.6730, 19.8812, 63.4308



93.4330, 41.1985, 132.9243



# Previews

## White Background



This preview shows how the YUV color 58.0370, 24.1388, 4.3526 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 58.0370, 24.1388, 4.3526 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

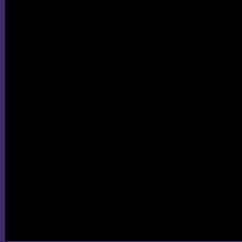
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 58.0370, 24.1388, 4.3526

## Background



This preview shows how black text looks on a background with the YUV color 58.0370, 24.1388, 4.3526.



This preview shows how white text looks on a background with the YUV color 58.0370, 24.1388,



# 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

58.0370, 24.1388, 4.3526

### Protanopia

48.0150, 34.0096, -35.0932

### Deuteranopia

45.7880, 28.2055, -40.1561



## Tritanopia

56.6620, 2.6316, -4.0886

# Trichromacy



## Original Color

58.0370, 24.1388, 4.3526

## Protanomaly

51.7780, 30.1824, -20.8533

## Deuteranomaly

50.4310, 26.4095, -24.0570

## Tritanomaly

57.3340, 10.1883, -1.1699

# Monochromacy



## Original Color

58.0370, 24.1388, 4.3526

## Achromatopsia

58.0000, 0.0000, 0.0000

## Achromatomaly

58.3020, 8.7251, 1.4891

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 58.0370, 24.1388, 4.3526 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(63, 46, 107)` looks like.

```
.text, #text, p{  
    color:rgb(63, 46, 107)  
}
```

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(63, 46, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 46, 107) }
```

## Border

The CSS property to change the border of an element to YUV 58.0370, 24.1388, 4.3526 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(63, 46, 107) }
```



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

```
.border{ border-color:rgb(63, 46, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 46, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 46, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 46, 107);  
box-shadow:4px 4px 4px 4px rgb(63, 46,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 58.0370, 24.1388, 4.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 46, 107) }
```

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

```
.background{ background-color: rgb(63, 46,  
107) }
```

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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