

Converting Colors

YUV(58.5240, 25.3777,
-19.7535)

Have a look what the booklet for
YUV(58.5240, 25.3777, -19.7535)
contains.

YUV(58.5240, 25.3777, -19.7535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(58.5240, 25.3777,
-19.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	243C6E
RGB	36, 60, 110
RGB Percent	14%, 24%, 43%
CMY	0.8588, 0.7647, 0.5686
CMYK	0.67, 0.45, 0.00, 0.57
HSL	221°, 51%, 29%
HSV	221°, 67%, 43%
XYZ	5.1579, 4.7326, 15.3935
YIQ	58.5240, -30.3540, 10.4620

Conversions

Conversions Part 2

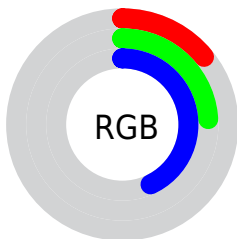
Format	Color
R_{YB}	36, 54, 110
Decimal	2374766
CIE _{Lab}	25.96, 8.44, -31.85
CIE _{LCh}	26, 32.946, 284.846
Yxy	4.7326, 0.2040, 0.1872
Android (android.graphics.Color)	4280564846 (0xFF243C6E)
YUV	58.5240, 25.3777, -19.7535
Hunter-Lab	21.7545, 4.2512, -26.7255




Details

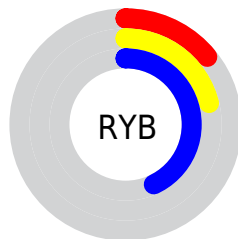
The YUV color **58.5240, 25.3777, -19.7535** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **87.4760, -25.3777, 19.7535**, and the grayscale version is **58.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **107.8880, 26.6772, -16.5648**, and **17.6340, 21.8724, -15.4650** is the 20% darker color. If you saturate the color by 10%, you get **51.1260, 29.0249, -22.9125**, and if you desaturate by 10%, it is **65.9220, 21.7305, -16.5946**.

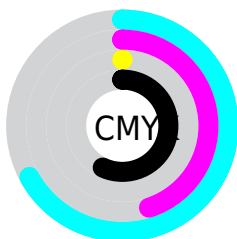
Distribution







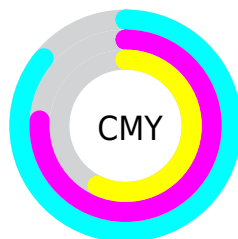
-  Red (14%)
-  Green (24%)
-  Blue (43%)






-  Red (14%)
-  Yellow (21%)
-  Blue (43%)



-  Cyan (67%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (86%)
-  Magenta (76%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.5240, 25.3777, -19.7535 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 58.5240, 25.3777, -19.7535 by changing the saturation by 10% instead.

■ 58.5240, 25.3777,
-19.7535

■ 58.5240, 25.3777,
-19.7535

■ 255.0000, 0.0000,
0.0000

■ 32.8820, 25.6942,
-27.9605

■ 107.8880, 26.6772,
-16.5648

■ 17.6340, 21.8724,
-15.4650

■ 133.4150, 27.4034,
-16.1500

■ 6.3210, 16.6037,
-5.5435

■ 159.9420, 28.1296,
-15.7351

■ 2.5250, 7.1362,
-2.2144

■ 187.4690, 28.8558,
-15.3203

■ 0.0000, 0.0000,
0.0000

■ 213.3030, 20.5566,
-13.4207

■ 238.1110, 8.3263,

-10.6213

■ 58.5240, 25.3777,
-19.7535

■ 58.5240, 25.3777,
-19.7535

■ 51.1260, 29.0249,
-22.9125

■ 65.9220, 21.7305,
-16.5946

■ 43.1410, 32.9615,
-25.5567

■ 73.9070, 17.7938,
-13.9504

■ 35.7430, 36.6087,
-28.7156

■ 81.3050, 14.1466,
-10.7915

■ 33.6720, 37.6297,
-29.5303

■ 89.2900, 10.2100,
-8.1473

■ 96.6880, 6.5628,
-4.9884

■ 104.6730, 2.6262,
-2.3442

■ 112.0710, -1.0210,
0.8147

■ 119.4690, -4.6682,
3.9737

■ 127.4540, -8.6048,
6.6178

Harmonies

Analogous

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



52.4560, 28.3692, -46.0039



58.5240, 25.3777, -19.7535



63.4420, 16.5441, 13.6444

Triad

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



58.5240, 25.3777, -19.7535



59.6920, -16.1172, 36.2271



48.2090, -0.5960, -42.2793

Complementary

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



58.5240, 25.3777, -19.7535



87.4760, -25.3777, 19.7535

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.



53.9920, -14.7861, -17.5330



58.5240, 25.3777, -19.7535



59.3130, -24.8043, 22.5275

Square

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



58.5240, 25.3777, -19.7535



59.9990, -4.9295, 41.2199



57.2030, -24.7501, 5.0840



51.2870, 11.1975, -44.9787

Rectangle

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



58.5240, 25.3777, -19.7535



62.5210, 10.0961, 28.4841



57.2030, -24.7501, 5.0840



46.7100, -3.8010, -40.9647

Sweetspot

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



58.5240, 25.3777, -19.7535



123.1760, 9.7732, -8.0474



85.0240, -0.0118, -42.9940



59.4600, 5.6892, -4.7884



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.



58.5240, 25.3777, -19.7535



62.5300, 39.6717, -31.1598



48.0240, 30.5542, -0.0210



51.8580, 2.0420, -1.6295



36.5730, 41.1295, -32.0745



75.1180, 84.7378, -65.8785

Inverse Universe

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



60.8620, -0.4250, 43.0940



66.0160, -0.5009, 67.5150



97.9760, -30.5542, 0.0210



52.0220, -0.0108, 3.4887



40.3260, -0.6537, 69.8741



82.9730, -1.4657, 143.8517

Previews

White Background



This preview shows how the YUV color 58.5240, 25.3777, -19.7535 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 58.5240, 25.3777, -19.7535 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 58.5240, 25.3777, -19.7535

Background



This preview shows how black text looks on a background with the YUV color 58.5240, 25.3777, -19.7535.



This preview shows how white text looks on a background with the YUV color 58.5240, 25.3777,

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

58.5240, 25.3777, -19.7535

Protanopia

59.1220, 25.0829, -18.5240

Deuteranopia

53.6040, 27.3102, -32.9787



Tritanopia

49.2490, 12.2022, -40.5604

Trichromacy



Original Color

58.5240, 25.3777, -19.7535

Protanomaly

58.8230, 25.2303, -19.1388

Deuteranomaly

55.1100, 26.5678, -28.1605

Tritanomaly

52.5580, 16.9799, -32.9384

Monochromacy



Original Color

58.5240, 25.3777, -19.7535

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7740, 9.4784, -6.8178

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.5240, 25.3777, -19.7535 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(36, 60, 110)` looks like.

```
.text, #text, p{  
    color:rgb(36, 60, 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(36, 60, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 60, 110) }
```

Border

The CSS property to change the border of an element to YUV 58.5240, 25.3777, -19.7535 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(36, 60, 110) }
```


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

```
.border{ border-color:rgb(36, 60, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 60, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 60, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 60, 110);  
box-shadow:4px 4px 4px 4px rgb(36, 60,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 58.5240, 25.3777, -19.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 60, 110) }
```

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

```
.background{ background-color: rgb(36, 60,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor