

Converting Colors

YUV(54.7560, 30.1933,
-24.3420)

Have a look what the booklet for
YUV(54.7560, 30.1933, -24.3420)
contains.

YUV(54.7560, 30.1933, -24.3420)	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(54.7560, 30.1933,
-24.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	1B3974
RGB	27, 57, 116
RGB Percent	11%, 22%, 45%
CMY	0.8941, 0.7765, 0.5451
CMYK	0.77, 0.51, 0.00, 0.55
HSL	220°, 62%, 28%
HSV	220°, 77%, 45%
XYZ	5.0675, 4.4202, 17.1091
YIQ	54.7560, -36.8190, 11.9890

Conversions

Conversions Part 2

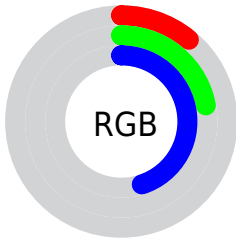
Format	Color
R_{YB}	27, 49, 116
Decimal	1784180
CIE _{Lab}	25.01, 11.40, -37.21
CIE _{LCh}	25, 38.916, 287.033
Yxy	4.4202, 0.1905, 0.1662
Android (android.graphics.Color)	4279974260 (0xFF1B3974)
YUV	54.7560, 30.1933, -24.3420
Hunter-Lab	21.0243, 6.2314, -33.5318




Details

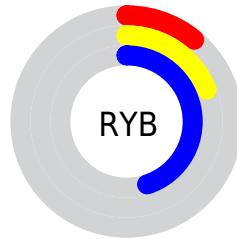
The YUV color **54.7560, 30.1933, -24.3420** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **88.2440, -30.1933, 24.3420**, and the grayscale version is **54.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **105.4300, 31.3400, -18.7941**, and **16.4430, 24.9246, -14.4205** is the 20% darker color. If you saturate the color by 10%, you get **46.4720, 34.2773, -27.6009**, and if you desaturate by 10%, it is **63.0400, 26.1093, -21.0831**.

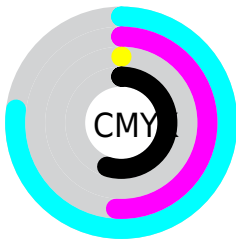
Distribution







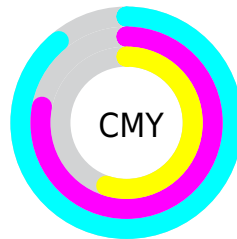
-  Red (11%)
-  Green (22%)
-  Blue (45%)






-  Red (11%)
-  Yellow (19%)
-  Blue (45%)



-  Cyan (77%)
-  Magenta (51%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (89%)
-  Magenta (78%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7560, 30.1933, -24.3420 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 54.7560, 30.1933, -24.3420 by changing the saturation by 10% instead.

■ 54.7560, 30.1933,
-24.3420

■ 54.7560, 30.1933,
-24.3420

■ 255.0000, 0.0000,
0.0000

■ 31.5060, 29.3305,
-27.6308

■ 105.4300, 31.3400,
-18.7941

■ 16.4430, 24.9246,
-14.4205

■ 130.6690, 32.2082,
-17.2497

■ 6.7770, 18.3509,
-5.9434

■ 157.1960, 32.9344,
-16.8349

■ 3.2090, 9.7570,
-2.8143

■ 184.7230, 33.6606,
-16.4201

■ 0.0000, 0.0000,
0.0000

■ 209.7590, 22.3038,
-13.8206

■ 234.8660, 9.9261,

-10.4065

254.1030, 0.4422,
-1.8443

■ 54.7560, 30.1933,
-24.3420

■ 54.7560, 30.1933,
-24.3420

■ 46.4720, 34.2773,
-27.6009

■ 63.0400, 26.1093,
-21.0831

■ 39.0740, 37.9245,
-30.7599

■ 70.4380, 22.4621,
-17.9241

■ 36.1170, 39.3823,
-31.6746

■ 78.7220, 18.3781,
-14.6652

■ 86.7070, 14.4414,
-12.0210

■ 94.4040, 10.6468,
-8.2473

■ 102.6880, 6.5628,
-4.9884

■ 110.6730, 2.6262,
-2.3442

■ 118.9570, -1.4578,
0.9147

■ 126.3550, -5.1050,
4.0737

Harmonies

Analogous

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



52.0800, 32.0056, -45.6742



54.7560, 30.1933, -24.3420



60.8600, 19.2960, 17.6628

Triad

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



54.7560, 30.1933, -24.3420



55.8020, -19.6224, 40.5156



47.3940, -1.1802, -41.5645

Complementary

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



54.7560, 30.1933, -24.3420



88.2440, -30.1933, 24.3420

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.



47.8940, -16.2167, -25.3400



54.7560, 30.1933, -24.3420



55.9280, -27.5725, 23.7421

Square

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



54.7560, 30.1933, -24.3420



54.6410, -5.2460, 49.4268



54.0240, -26.6338, 2.6100



51.5150, 12.0711, -45.1787

Rectangle

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



54.7560, 30.1933, -24.3420



59.0210, 11.8216, 35.0616



54.0240, -26.6338, 2.6100



45.6670, -5.2588, -40.0500

Sweetspot

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



54.7560, 30.1933, -24.3420



126.9200, 11.3784, -9.5768



85.8550, -0.4215, -51.6158



61.6170, 7.5838, -5.8031



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



54.7560, 30.1933, -24.3420



55.3210, 46.6767, -37.9925



41.0330, 36.9587, -0.9059



54.8580, 2.0420, -1.6295



37.9750, 41.4243, -33.3041



77.8080, 84.8907, -68.2376

Inverse Universe

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



57.0310, -0.0153, 51.7158



58.6200, 0.1873, 80.1403



101.9670, -36.9587, 0.9059



55.0220, -0.0108, 3.4887



41.1520, -0.0749, 70.9037



84.3260, -0.1607, 145.2961

Previews

White Background



This preview shows how the YUV color 54.7560, 30.1933, -24.3420 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 54.7560, 30.1933, -24.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

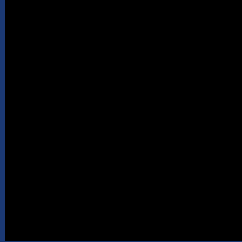
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.7560, 30.1933, -24.3420

Background



This preview shows how black text looks on a background with the YUV color 54.7560, 30.1933, -24.3420.



This preview shows how white text looks on a background with the YUV color 54.7560, 30.1933, -24.3420.

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

54.7560, 30.1933, -24.3420

Protanopia

53.5600, 30.7829, -26.8011

Deuteranopia

47.8910, 28.6477, -42.0004



Tritanopia

46.8360, 11.9129, -41.0752

Trichromacy



Original Color

54.7560, 30.1933, -24.3420

Protanomaly

53.8590, 30.6355, -26.1863

Deuteranomaly

50.7500, 29.2102, -35.7377

Tritanomaly

49.8890, 18.2957, -34.9827

Monochromacy



Original Color

54.7560, 30.1933, -24.3420

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1050, 10.7942, -8.8621

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7560, 30.1933, -24.3420 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(27, 57, 116)` looks like.

```
.text, #text, p{  
    color:rgb(27, 57, 116)  
}
```

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(27, 57, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 57, 116) }
```

Border

The CSS property to change the border of an element to YUV 54.7560, 30.1933, -24.3420 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(27, 57, 116) }
```


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

```
.border{ border-color:rgb(27, 57, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 57, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 57, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 57, 116);  
box-shadow:4px 4px 4px 4px rgb(27, 57,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 54.7560, 30.1933, -24.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 57, 116) }
```

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

```
.background{ background-color: rgb(27, 57,  
116) }
```

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