

Converting Colors

YUV(93.8520, 1.0590, -13.0252)

Have a look what the booklet for
YUV(93.8520, 1.0590, -13.0252)
contains.

YUV(93.8520, 1.0590, -13.0252)	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(93.8520, 1.0590,
-13.0252)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6560
RGB	79, 101, 96
RGB Percent	31%, 40%, 38%
CMY	0.6902, 0.6039, 0.6235
CMYK	0.22, 0.00, 0.05, 0.60
HSL	166°, 12%, 35%
HSV	166°, 22%, 40%
XYZ	9.9895, 11.8142, 12.8202
YIQ	93.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

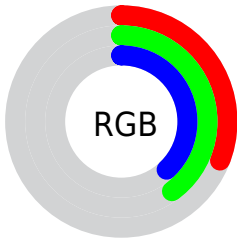
Format	Color
R_{YB}	79, 91, 101
Decimal	5203296
CIE Lab	40.92, -9.38, 0.11
CIE LCh	41, 9.382, 179.325
Yxy	11.8142, 0.2885, 0.3412
Android (android.graphics.Color)	4283393376 (0xFF4F6560)
YUV	93.8520, 1.0590, -13.0252
Hunter-Lab	34.3717, -8.2731, 1.9458

Details

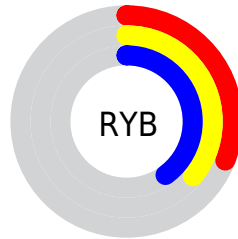
The YUV color **93.8520, 1.0590, -13.0252** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.1480, -1.0590, 13.0252**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4390, 0.7696, -13.5400**, and **47.5640, 1.2009, -11.8956** is the 20% darker color. If you saturate the color by 10%, you get **90.6340, 1.6594, -18.9730**, and if you desaturate by 10%, it is **97.0700, 0.4585, -7.0774**.

Distribution



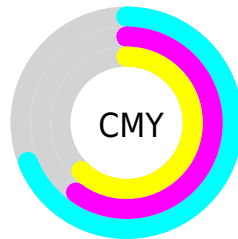
- Red (31%)
- Green (40%)
- Blue (38%)



- Red (31%)
- Yellow (36%)
- Blue (40%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (60%)



- Cyan (69%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8520, 1.0590, -13.0252 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 93.8520, 1.0590, -13.0252 by changing the saturation by 10% instead.

■ 93.8520, 1.0590,
-13.0252

■ 93.8520, 1.0590,
-13.0252

■ 255.0000, 0.0000,
0.0000

■ 70.1510, 0.9116,
-12.4104

■ 144.4390, 0.7696,
-13.5400

■ 47.5640, 1.2009,
-11.8956

■ 171.1400, 0.9170,
-14.1548

■ 26.5640, 1.2009,
-11.8956

■ 198.1400, 0.9170,
-14.1548

■ 3.8640, -0.4260,
-3.3887

■ 225.8410, 1.0644,
-14.7696

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,
-10.4512

■ 93.8520, 1.0590,
-13.0252

■ 93.8520, 1.0590,
-13.0252

■ 90.6340, 1.6594,
-18.9730

■ 97.0700, 0.4585,
-7.0774

■ 87.3020, 1.8231,
-24.8209

■ 100.4020, 0.2948,
-1.2296

■ 84.0840, 2.4236,
-30.7687

■ 103.6200, -0.3057,
4.7183

■ 80.8660, 3.0241,
-36.7165

■ 106.8380, -0.9061,
10.6661

■ 77.6480, 3.6245,
-42.6643

■ 110.3550, -1.6540,
17.2287

■ 74.0170, 3.9356,
-49.1269

■ 113.6870, -1.8177,
23.0765

■ 70.7990, 4.5361,
-55.0747

■ 116.9050, -2.4182,
29.0243

■ 68.1790, 4.8418,

■ 120.1230, -3.0186,

-59.7930

34.9721

■ 123.4550, -3.1823,
40.8200

Harmonies

Analogous

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



94.4460, -3.1779, -7.4071



93.8520, 1.0590, -13.0252



94.1660, 4.8482, -15.0546

Triad

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



93.8520, 1.0590, -13.0252



97.6070, 6.1097, 0.3447



96.7580, -6.2897, 10.7362

Complementary

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



93.8520, 1.0590, -13.0252



86.1480, -1.0590, 13.0252

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.



97.9370, -4.4059, 13.2103



93.8520, 1.0590, -13.0252



97.5540, 3.1779, 7.4071

Square

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



93.8520, 1.0590, -13.0252



96.0190, 7.8786, -7.0327



97.9630, -0.4748, 12.3104



96.3830, -7.5838, 5.8031

Rectangle

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



93.8520, 1.0590, -13.0252



94.3340, 6.7373, -14.3249



97.9630, -0.4748, 12.3104



97.4700, -6.1477, 11.8658

Sweetspot

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



93.8520, 1.0590, -13.0252



127.0810, 0.4531, -5.3330



93.4090, -7.1036, -8.2517



64.3910, 0.3002, -2.9739



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



93.8520, 1.0590, -13.0252



118.9220, 1.5175, -20.1026



90.9000, 4.9793, -10.4363



49.3910, 0.3002, -2.9739



77.6510, 5.5951, -68.0999



163.3720, 11.6486, -143.2772

Inverse Universe

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



86.1480, -1.0590, 13.0252



107.0780, -1.5175, 20.1026



89.1000, -4.9793, 10.4363



47.6090, -0.3002, 2.9739



37.3490, -5.5951, 68.0999



78.6280, -11.6486, 143.2772

Previews

White Background



This preview shows how the YUV color 93.8520, 1.0590, -13.0252 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 × Fail

Black Background



This preview shows how the YUV color 93.8520, 1.0590, -13.0252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

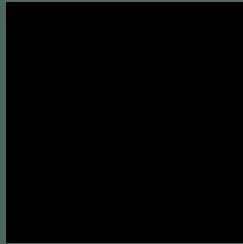
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.8520, 1.0590, -13.0252

Background



This preview shows how black text looks on a background with the YUV color 93.8520, 1.0590, -13.0252.



This preview shows how white text looks on a background with the YUV color 93.8520, 1.0590, -13.0252.

-13.0252.

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

93.8520, 1.0590, -13.0252

Protanopia

96.5550, -1.7526, 2.1443

Deuteranopia

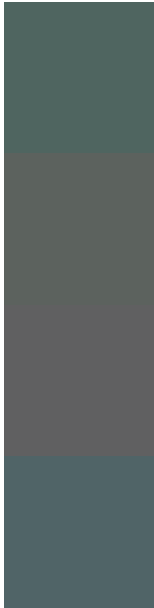
97.1580, 0.4151, 6.8774



Tritanopia

94.5300, 6.1477, -11.8658

Trichromacy



Original Color

93.8520, 1.0590, -13.0252

Protanomaly

95.7500, -0.8628, -3.2887

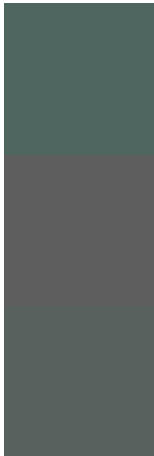
Deuteranomaly

96.1140, 0.4368, -0.1000

Tritanomaly

94.3620, 4.2585, -12.5955

Monochromacy



Original Color

93.8520, 1.0590, -13.0252

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.3800, 0.3057, -4.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8520, 1.0590, -13.0252 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(79, 101, 96)` looks like.

```
.text, #text, p{  
    color:rgb(79, 101, 96)  
}
```

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(79, 101, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 101, 96) }
```

Border

The CSS property to change the border of an element to YUV 93.8520, 1.0590, -13.0252 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(79, 101, 96) }
```


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

```
.border{ border-color:rgb(79, 101, 96) }
```

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

Here you see how a box with a 4 pixel rgb(79, 101, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 101, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 101, 96);  
box-shadow:4px 4px 4px 4px rgb(79, 101,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 93.8520, 1.0590, -13.0252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 101, 96) }
```

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

```
.background{ background-color: rgb(79, 101,  
96) }
```

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