

Converting Colors

YUV(93.1560, -9.9369, 13.8952)

Have a look what the booklet for
YUV(93.1560, -9.9369, 13.8952)
contains.

YUV(93.1560, -9.9369, 13.8952)	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(93.1560, -9.9369,
13.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5949
RGB	109, 89, 73
RGB Percent	43%, 35%, 29%
CMY	0.5725, 0.6510, 0.7137
CMYK	0.00, 0.18, 0.33, 0.57
HSL	27°, 20%, 36%
HSV	27°, 33%, 43%
XYZ	11.0817, 10.8770, 7.8187
YIQ	93.1560, 17.0560, -0.7360

Conversions

Conversions Part 2

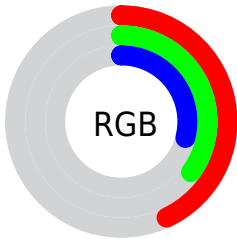
Format	Color
R_{YB}	109, 102, 73
Decimal	7166281
CIE Lab	39.37, 5.59, 12.34
CIE LCh	39, 13.547, 65.635
Yxy	10.8770, 0.3721, 0.3653
Android (android.graphics.Color)	4285356361 (0xFF6D5949)
YUV	93.1560, -9.9369, 13.8952
Hunter-Lab	32.9803, 2.2619, 9.0302

Details

The YUV color **93.1560, -9.9369, 13.8952** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.8440, 9.9369, -13.8952**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6400, -10.6685, 15.2247**, and **47.0740, -8.9105, 11.3361** is the 20% darker color. If you saturate the color by 10%, you get **88.3800, -13.0053, 18.0837**, and if you desaturate by 10%, it is **97.9320, -6.8685, 9.7066**.

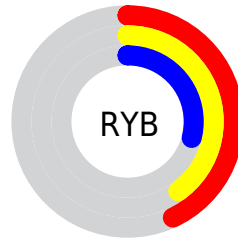
Distribution



Red (43%)

Green (35%)

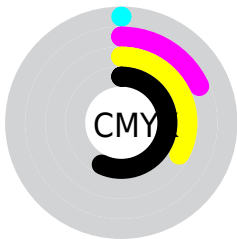
Blue (29%)



Red (43%)

Yellow (40%)

Blue (29%)

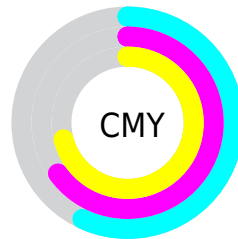


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (57%)



Cyan (57%)

Magenta (65%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1560, -9.9369, 13.8952 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 93.1560, -9.9369, 13.8952 by changing the saturation by 10% instead.

■ 93.1560, -9.9369,
13.8952

■ 93.1560, -9.9369,
13.8952

■ 255.0000, 0.0000,
0.0000

■ 69.5580, -9.6421,
12.6656

■ 143.6400,
-10.6685, 15.2247

■ 47.0740, -8.9105,
11.3361

■ 169.8250,
-11.2527, 15.9395

■ 25.6180, -10.6577,
11.7360

■ 197.1240,
-11.4001, 16.5543

■ 2.3920, -1.1793,
4.9182

■ 225.3090,
-11.9843, 17.2690

■ 0.0000, 0.0000,
0.0000

■ 248.6280, -9.1836,
5.5882

■ 93.1560, -9.9369,
13.8952

■ 93.1560, -9.9369,
13.8952

■ 88.3800, -13.0053,
18.0837

■ 97.9320, -6.8685,
9.7066

■ 83.6040, -16.0738,
22.2723

■ 102.7080, -3.8000,
5.5181

■ 78.8280, -19.1422,
26.4608

■ 107.4840, -0.7316,
1.3295

■ 74.0520, -22.2106,
30.6494

■ 112.2600, 2.3368,
-2.8590

■ 69.2760, -25.2791,
34.8379

■ 116.9220, 4.9685,
-6.9476

■ 64.6140, -27.9107,
38.9265

■ 121.6980, 8.0369,
-11.1361

■ 60.7670, -29.9581,
42.3003

■ 126.4740, 11.1053,
-15.3247

■ 131.2500, 14.1738,

-19.5132

■ 136.6130, 16.9528,
-24.2166

Harmonies

Analogous

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



93.9870, -6.8956, 18.4284



93.1560, -9.9369, 13.8952



92.2860, -10.4940, 5.8882

Triad

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



93.1560, -9.9369, 13.8952



88.2640, 2.8278, -20.4025



93.9000, 8.4303, 2.7187

Complementary

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



93.1560, -9.9369, 13.8952



88.8440, 9.9369, -13.8952

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.



92.4040, 10.6468, -8.2473



93.1560, -9.9369, 13.8952



88.0340, 8.3642, -22.8318

Square

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



93.1560, -9.9369, 13.8952



89.1140, -3.0142, -13.2550



89.7510, 10.9688, -18.1986



94.7010, 3.5984, 12.5402

Rectangle

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



93.1560, -9.9369, 13.8952



91.2960, -9.0199, -0.2596



89.7510, 10.9688, -18.1986



93.5190, 9.6041, -0.4552

Sweetspot

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



93.1560, -9.9369, 13.8952



136.7080, -3.8000, 5.5181



86.0440, 3.4293, 20.1324



67.7400, -2.3368, 2.8590



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.



93.1560, -9.9369, 13.8952



117.7180, -15.6370, 22.1723



103.7220, -15.1459, 4.6288



51.5550, -1.7526, 2.1443



65.5070, -32.2950, 45.1594



137.2380, -67.6583, 94.5073

Inverse Universe

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



88.8440, 9.9369, -13.8952



110.6950, 15.9264, -21.6575



78.2780, 15.1459, -4.6288



50.4450, 1.7526, -2.1443



51.4930, 32.2950, -45.1594



107.7620, 67.6583, -94.5073

Previews

White Background



This preview shows how the YUV color 93.1560, -9.9369, 13.8952 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 93.1560, -9.9369, 13.8952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

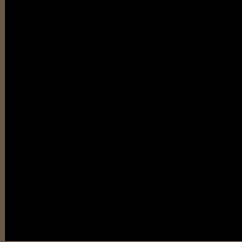
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.1560, -9.9369, 13.8952

Background



This preview shows how black text looks on a background with the YUV color 93.1560, -9.9369, 13.8952.



This preview shows how white text looks on a background with the YUV color 93.1560, -9.9369,

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

93.1560, -9.9369, 13.8952

Protanopia

92.7420, -8.7468, 5.4883

Deuteranopia

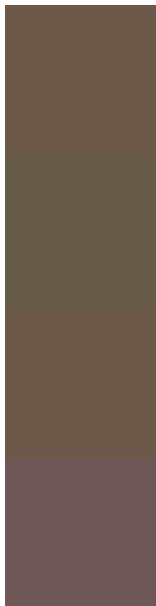
93.1560, -9.9369, 13.8952



Tritanopia

94.2730, -0.6276, 14.6696

Trichromacy



Original Color

93.1560, -9.9369, 13.8952

Protanomaly

93.2370, -9.4838, 8.5622

Deuteranomaly

93.1560, -9.9369, 13.8952

Tritanomaly

93.7630, -3.8272, 14.2398

Monochromacy



Original Color

93.1560, -9.9369, 13.8952

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.4090, -3.6526, 4.9033

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1560, -9.9369, 13.8952 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(109, 89, 73)` looks like.

```
.text, #text, p{  
    color:rgb(109, 89, 73)  
}
```

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(109, 89, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 89, 73) }
```

Border

The CSS property to change the border of an element to YUV 93.1560, -9.9369, 13.8952 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(109, 89, 73) }
```


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

```
.border{ border-color:rgb(109, 89, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 89, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 89, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 89, 73);  
box-shadow:4px 4px 4px 4px rgb(109, 89,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 93.1560, -9.9369, 13.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 89, 73) }
```

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

```
.background{ background-color: rgb(109, 89,  
73) }
```

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