

Converting Colors

YUV(91.8440, 9.9369, -13.8952)

Have a look what the booklet for
YUV(91.8440, 9.9369, -13.8952)
contains.

YUV(91.8440, 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(91.8440, 9.9369,
-13.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6070
RGB	76, 96, 112
RGB Percent	30%, 38%, 44%
CMY	0.7020, 0.6235, 0.5608
CMYK	0.32, 0.14, 0.00, 0.56
HSL	207°, 19%, 37%
HSV	207°, 32%, 44%
XYZ	10.0880, 11.0721, 16.9347
YIQ	91.8440, -17.0560, 0.7360

Conversions

Conversions Part 2

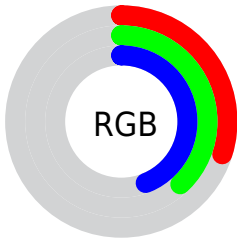
Format	Color
R_{YB}	76, 89, 112
Decimal	5005424
CIE Lab	39.70, -3.36, -11.52
CIE LCh	40, 11.999, 253.737
Yxy	11.0721, 0.2648, 0.2906
Android (android.graphics.Color)	4283195504 (0xFF4C6070)
YUV	91.8440, 9.9369, -13.8952
Hunter-Lab	33.2748, -4.1145, -6.8824

Details

The YUV color **91.8440, 9.9369, -13.8952** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.1560, -9.9369, 13.8952**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0720, 10.8105, -14.0951**, and **45.6160, 9.0633, -13.6952** is the 20% darker color. If you saturate the color by 10%, you get **85.6200, 13.0053, -18.0837**, and if you desaturate by 10%, it is **98.0680, 6.8685, -9.7066**.

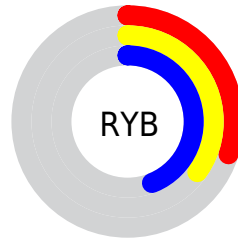
Distribution



Red (30%)

Green (38%)

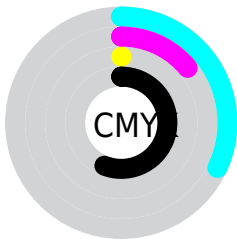
Blue (44%)



Red (30%)

Yellow (35%)

Blue (44%)

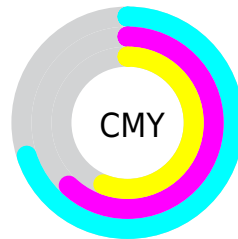


Cyan (32%)

Magenta (14%)

Yellow (0%)

Black (56%)



Cyan (70%)

Magenta (62%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.8440, 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 91.8440, 9.9369, -13.8952 by changing the saturation by 10% instead.

■ 91.8440, 9.9369,
-13.8952

■ 91.8440, 9.9369,
-13.8952

■ 255.0000, 0.0000,
0.0000

■ 67.8440, 9.9369,
-13.8952

■ 142.0720, 10.8105,
-14.0951

■ 45.6160, 9.0633,
-13.6952

■ 168.7730, 10.9579,
-14.7099

■ 23.9040, 8.9213,
-14.8248

■ 195.8870, 11.3947,
-14.8099

■ 3.0950, 9.3202,
-2.7143

■ 223.8870, 11.3947,
-14.8099

■ 0.0000, 0.0000,
0.0000

■ 249.0200, 2.9481,
-12.2955

■ 91.8440, 9.9369,
-13.8952

■ 91.8440, 9.9369,
-13.8952

■ 85.6200, 13.0053,
-18.0837

■ 98.0680, 6.8685,
-9.7066

■ 79.3960, 16.0738,
-22.2723

■ 104.2920, 3.8000,
-5.5181

■ 72.8730, 19.2896,
-27.0756

■ 110.8150, 0.5842,
-0.7148

■ 66.6490, 22.3580,
-31.2642

■ 117.0390, -2.4842,
3.4738

■ 60.4250, 25.4265,
-35.4527

■ 123.2630, -5.5527,
7.6623

■ 54.2010, 28.4949,
-39.6413

■ 129.4870, -8.6211,
11.8509

■ 49.1620, 30.9791,
-43.1151

■ 135.7110,
-11.6895, 16.0395

■ 142.2340,

-14.9054, 20.8428

■ 148.4580,
-17.9738, 25.0313

Harmonies

Analogous

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



90.0560, 8.3534, -19.3431



91.8440, 9.9369, -13.8952



93.6710, 9.0362, -4.9735

Triad

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



91.8440, 9.9369, -13.8952



95.3010, -3.1064, 16.3990



91.3600, -6.0935, -5.5777

Complementary

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



91.8440, 9.9369, -13.8952



96.1560, -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.



92.4320, -8.5940, 3.1291



91.8440, 9.9369, -13.8952



94.2640, -7.0322, 15.5545

Square

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



91.8440, 9.9369, -13.8952



95.2450, 1.8512, 12.9401



93.6610, -9.1999, 10.8213



90.5700, -1.2670, -13.6549

Rectangle

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



91.8440, 9.9369, -13.8952



94.9600, 7.4147, 1.7891



93.6610, -9.1999, 10.8213



91.7410, -7.2673, -2.4039

Sweetspot

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



91.8440, 9.9369, -13.8952



137.2920, 3.8000, -5.5181



98.9560, -3.4293, -20.1324



68.9610, 2.4842, -3.4738



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



91.8440, 9.9369, -13.8952



113.5810, 15.4896, -21.5575



81.2780, 15.1459, -4.6288



53.0320, 1.4632, -2.6591



53.0090, 33.0266, -46.4889



108.5770, 68.2425, -95.2220

Inverse Universe

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



89.0440, 3.4293, 20.1324



109.2780, 5.2859, 31.3282



106.7220, -15.1459, 4.6288



52.2500, 0.8628, 3.2888



43.5180, 11.5766, 67.0747



89.4710, 23.4318, 138.1529

Previews

White Background



This preview shows how the YUV color 91.8440, 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 91.8440, 9.9369, -13.8952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

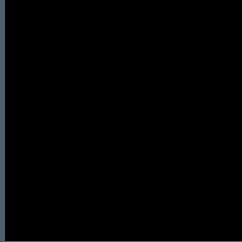
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

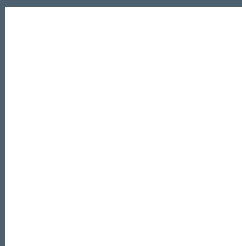
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 91.8440, 9.9369, -13.8952

Background



This preview shows how black text looks on a background with the YUV color 91.8440, 9.9369, -13.8952.



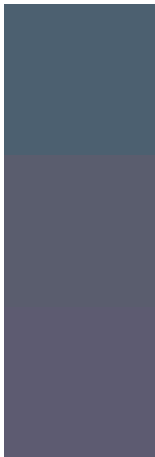
This preview shows how white text looks on a background with the YUV color 91.8440, 9.9369, -13.8952.

-13.8952.

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

91.8440, 9.9369, -13.8952

Protanopia

94.0410, 7.8678, -3.5440

Deuteranopia

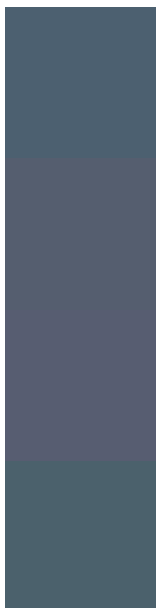
94.1060, 9.3147, -0.9700



Tritanopia

91.0350, 6.8847, -14.9397

Trichromacy



Original Color

91.8440, 9.9369, -13.8952

Protanomaly

93.2470, 8.7522, -7.2326

Deuteranomaly

93.4860, 9.6204, -5.6882

Tritanomaly

91.6760, 8.0477, -14.6249

Monochromacy



Original Color

91.8440, 9.9369, -13.8952

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.5910, 3.6526, -4.9033

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.8440, 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(76, 96, 112)` looks like.

```
.text, #text, p{  
    color:rgb(76, 96, 112)  
}
```

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(76, 96, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 96, 112) }
```

Border

The CSS property to change the border of an element to YUV 91.8440, 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(76, 96, 112) }
```


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

```
.border{ border-color:rgb(76, 96, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 96, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 96, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 96, 112);  
box-shadow:4px 4px 4px 4px rgb(76, 96,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 91.8440, 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(76, 96, 112) }
```

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

```
.background{ background-color: rgb(76, 96,  
112) }
```

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