

# Converting Colors

YUV(92.8720, -35.9259,  
43.0853)

Have a look what the booklet for  
YUV(92.8720, -35.9259, 43.0853)  
contains.

<b>YUV(92.8720, -35.9259, 43.0853)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(92.8720, -35.9259,  
43.0853)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E5214
RGB	142, 82, 20
RGB Percent	56%, 32%, 8%
CMY	0.4431, 0.6784, 0.9216
CMYK	0.00, 0.42, 0.86, 0.44
HSL	30°, 75%, 32%
HSV	30°, 86%, 56%
XYZ	14.2989, 11.8359, 2.1927
YIQ	92.8720, 55.6620, -6.5620

# Conversions

## Conversions Part 2

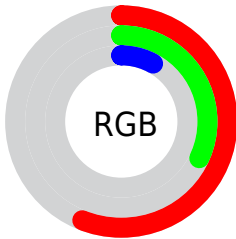
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 142, 20
Decimal	9327124
CIE <sub>Lab</sub>	40.95, 20.43, 43.78
CIE <sub>LCh</sub>	41, 48.316, 64.983
Yxy	11.8359, 0.5048, 0.4178
Android (android.graphics.Color)	4287517204 (0xFF8E5214)
YUV	92.8720, -35.9259, 43.0853
Hunter-Lab	34.4033, 13.9833, 20.3034

# Details

The YUV color **92.8720, -35.9259, 43.0853** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **69.1280, 35.9259, -43.0853**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1500, -37.5419, 48.1034**, and **46.8460, -23.0951, 34.3381** is the 20% darker color. If you saturate the color by 10%, you get **87.1670, -40.0153, 48.0885**, and if you desaturate by 10%, it is **98.5770, -31.8365, 38.0820**.

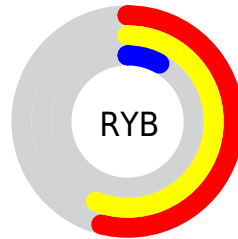
# Distribution



Red (56%)

Green (32%)

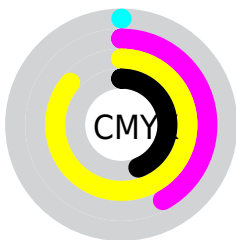
Blue (8%)



Red (54%)

Yellow (56%)

Blue (8%)

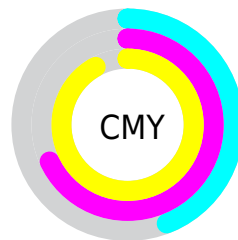


Cyan (0%)

Magenta (42%)

Yellow (86%)

Black (44%)



Cyan (44%)

Magenta (68%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 92.8720, -35.9259, 43.0853 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 92.8720, -35.9259, 43.0853 by changing the saturation by 10% instead.



92.8720, -35.9259,  
43.0853

92.8720, -35.9259,  
43.0853

255.0000, 0.0000,  
0.0000

68.7190, -33.8785,  
39.7114

145.1500,  
-37.5419, 48.1034

46.8460, -23.0951,  
34.3381

172.2320,  
-38.5684, 50.6625

26.4460, -13.0379,  
28.5499

198.5200,  
-38.7104, 49.5330

10.7640, -5.3067,  
22.1320

217.9200,  
-35.4566, 32.5192

0.0000, 0.0000,  
0.0000

237.4340,  
-31.7660, 15.4054

248.8440,

-23.5871, 5.3988

■ 252.0360,  
-11.3567, 2.5994

■ 92.8720, -35.9259,  
43.0853

■ 92.8720, -35.9259,  
43.0853

■ 87.1670, -40.0153,  
48.0885

■ 98.5770, -31.8365,  
38.0820

■ 84.7220, -41.7679,  
50.2328

■ 104.2820,  
-27.7470, 33.0787

■ 110.1010,  
-23.2208, 27.9754

■ 115.8060,  
-19.1314, 22.9721

■ 121.5110,  
-15.0419, 17.9689

■ 127.2160,  
-10.9525, 12.9656

■ 132.9210, -6.8631,  
7.9623

■ 138.7400, -2.3368,  
2.8590

■ 144.4450, 1.7526,  
-2.1443

# Harmonies

## Analogous

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



92.9340, -19.6875, 61.4479



92.8720, -35.9259, 43.0853



89.8290, -44.2857, 17.6900

# Triad

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



92.8720, -35.9259, 43.0853



79.1330, 11.2734, -69.3996



98.8830, 31.1167, 6.2416

# Complementary

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



92.8720, -35.9259, 43.0853



69.1280, 35.9259, -43.0853

# 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.



78.1770, 48.2267, -68.5612



92.8720, -35.9259, 43.0853



82.9920, 28.5979, -72.7840

# Square

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



92.8720, -35.9259, 43.0853



73.2850, -6.0565, -64.2709



83.1350, 41.8384, -72.9094



97.6400, 16.4465, 45.0427



# Rectangle

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



92.8720, -35.9259, 43.0853



87.5320, -37.2373, -3.0976



83.1350, 41.8384, -72.9094



96.3260, 35.8283, -11.6869

# Sweetspot

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



92.8720, -35.9259, 43.0853



164.4400, -14.0209, 17.1541



63.4320, 8.6610, 68.9041



80.4760, -8.6157, 10.1065



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



92.8720, -35.9259, 43.0853



109.6070, -54.0363, 65.2427



128.0920, -53.2894, 12.1973



68.4410, -2.1894, 2.2442



80.8680, -39.8679, 47.4738



4.7400, -2.3368, 2.8590



# Inverse Universe

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



69.1280, 35.9259, -43.0853



73.8060, 54.3256, -64.7279



33.9080, 53.2894, -12.1973



67.1460, 1.9000, -2.7590



54.1320, 39.8679, -47.4738



3.2600, 2.3368, -2.8590



# Previews

## White Background



This preview shows how the YUV color 92.8720, -35.9259, 43.0853 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 92.8720, -35.9259, 43.0853 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 92.8720, -35.9259, 43.0853

## Background



This preview shows how black text looks on a background with the YUV color 92.8720, -35.9259, 43.0853.



This preview shows how white text looks on a background with the YUV color 92.8720, -35.9259,



# 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

92.8720, -35.9259, 43.0853

### Protanopia

92.2660, -33.6551, 14.6757

### Deuteranopia

92.2630, -39.0767, 26.9563



## Tritanopia

97.3150, -7.5503, 41.8197

# Trichromacy



## Original Color

92.8720, -35.9259, 43.0853

## Protanomaly

92.8050, -34.4139, 24.7270

## Deuteranomaly

92.3500, -37.6405, 33.0191

## Tritanomaly

95.5680, -18.0280, 42.4749

# Monochromacy



## Original Color

92.8720, -35.9259, 43.0853

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

92.9560, -13.2893, 15.8246

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 92.8720, -35.9259, 43.0853 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(142, 82, 20)` looks like.

```
.text, #text, p{  
    color:rgb(142, 82, 20)  
}
```

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(142, 82, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 82, 20) }
```

## Border

The CSS property to change the border of an element to YUV 92.8720, -35.9259, 43.0853 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(142, 82, 20) }
```



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

```
.border{ border-color:rgb(142, 82, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 82, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 82, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 82, 20);  
box-shadow:4px 4px 4px 4px rgb(142, 82,  
20) }
```

# Background

The CSS property to change the background color of an element to YUV 92.8720, -35.9259, 43.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 82, 20) }
```

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

```
.background{ background-color: rgb(142, 82,  
20) }
```

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