

# Converting Colors

YUV(59.8940, -22.6257,  
23.7720)

Have a look what the booklet for  
YUV(59.8940, -22.6257, 23.7720)  
contains.

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# Color

**YUV(59.8940, -22.6257,  
23.7720)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57370E
RGB	87, 55, 14
RGB Percent	34%, 22%, 5%
CMY	0.6588, 0.7843, 0.9451
CMYK	0.00, 0.37, 0.84, 0.66
HSL	34°, 72%, 20%
HSV	34°, 84%, 34%
XYZ	5.3759, 4.7903, 1.0567
YIQ	59.8940, 32.2330, -5.9670

# Conversions

## Conversions Part 2

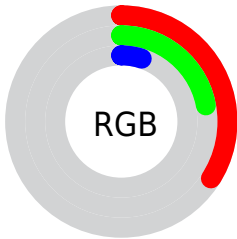
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 87, 14
Decimal	5715726
CIELab	26.13, 10.34, 29.97
CIELCh	26, 31.708, 70.968
Yxy	4.7903, 0.4790, 0.4268
Android (android.graphics.Color)	4283905806 (0xFF57370E)
YUV	59.8940, -22.6257, 23.7720
Hunter-Lab	21.8868, 5.5421, 12.4581

# Details

The YUV color **59.8940, -22.6257, 23.7720** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **41.1060, 22.6257, -23.7720**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.4600, -24.3838, 27.6606**, and **18.6940, -9.2161, 16.0544** is the 20% darker color. If you saturate the color by 10%, you get **56.5200, -25.3994, 26.7310**, and if you desaturate by 10%, it is **63.2680, -19.8521, 20.8130**.

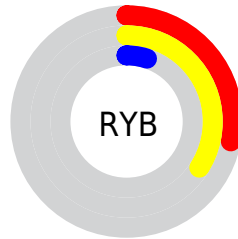
# Distribution



 Red (34%)

 Green (22%)

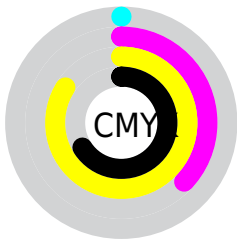
 Blue (5%)



 Red (28%)

 Yellow (34%)

 Blue (5%)

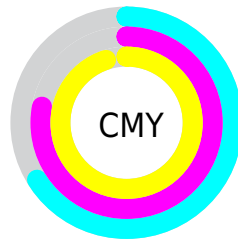


 Cyan (0%)

 Magenta (37%)

 Yellow (84%)

 Black (66%)



 Cyan (66%)

 Magenta (78%)

 Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 59.8940, -22.6257, 23.7720 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 59.8940, -22.6257, 23.7720 by changing the saturation by 10% instead.



■ 59.8940, -22.6257,  
23.7720

■ 59.8940, -22.6257,  
23.7720

■ 253.6320, -5.2416,  
1.1997

■ 37.9090, -18.6891,  
21.1278

■ 108.4600,  
-24.3838, 27.6606

■ 18.6940, -9.2161,  
16.0544

■ 134.2430,  
-25.2628, 29.6049

■ 0.0000, 0.0000,  
0.0000

■ 160.6130,  
-26.4312, 31.0344

■ 187.5100,  
-26.8734, 32.8787

■ 215.5810,  
-27.8944, 33.6935

■ 235.3940,

-24.3512, 17.1945

■ 250.3260,  
-17.9087, 4.0991

■ 59.8940, -22.6257,  
23.7720

■ 59.8940, -22.6257,  
23.7720

■ 56.5200, -25.3994,  
26.7310

■ 63.2680, -19.8521,  
20.8130

■ 54.7760, -27.0046,  
28.2604

■ 66.5280, -17.5153,  
17.9539

■ 69.3150, -14.4523,  
15.5097

■ 72.6890, -11.6787,  
12.5507

■ 76.0630, -8.9051,  
9.5917

■ 79.3230, -6.5682,  
6.7327

■ 82.6970, -3.7946,  
3.7737

■ 86.0710, -1.0210,  
0.8147

■ 88.7440, 1.6052,  
-1.5295

# Harmonies

## Analogous

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



60.1480, -14.3700, 35.8272



59.8940, -22.6257, 23.7720



57.7410, -24.0293, 7.2431

# Triad

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



59.8940, -22.6257, 23.7720



50.8310, 9.4503, -44.5788



64.1210, 16.7023, 9.5409

# Complementary

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



59.8940, -22.6257, 23.7720



41.1060, 22.6257, -23.7720

# 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.



57.7900, 25.2465, -24.3718



59.8940, -22.6257, 23.7720



52.8660, 19.7861, -46.3635

# Square

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



59.8940, -22.6257, 23.7720



47.3940, -1.1802, -41.5645



52.7010, 26.7694, -46.2188



62.8480, 7.4699, 30.8283



# Rectangle

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



59.8940, -22.6257, 23.7720



56.5050, -19.4760, -6.5819



52.7010, 26.7694, -46.2188



62.8640, 19.7870, 0.1193

# Sweetspot

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



59.8940, -22.6257, 23.7720



101.7640, -8.7577, 8.9770



39.5890, 3.6536, 41.5794



49.9530, -5.3998, 5.3032



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



59.8940, -22.6257, 23.7720



70.4690, -34.7412, 36.4227



77.4820, -31.2966, 4.8393



41.3700, -1.1684, 1.4295



67.2130, -33.1360, 34.8932



147.7490, -72.8403, 76.5191



# Inverse Universe

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



41.1060, 22.6257, -23.7720



41.5310, 34.7412, -36.4227



23.5180, 31.2966, -4.8393



40.6300, 1.1684, -1.4295



39.7870, 33.1360, -34.8932



87.2510, 72.8403, -76.5191



# Previews

## White Background



This preview shows how the YUV color 59.8940, -22.6257, 23.7720 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 59.8940, -22.6257, 23.7720 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 59.8940, -22.6257, 23.7720

## Background



This preview shows how black text looks on a background with the YUV color 59.8940, -22.6257, 23.7720.



This preview shows how white text looks on a background with the YUV color 59.8940, -22.6257,



# 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

59.8940, -22.6257, 23.7720

### Protanopia

59.7350, -21.5614, 9.0024

### Deuteranopia

59.6220, -23.4776, 16.9945



## Tritanopia

62.8180, -3.8543, 22.9616

# Trichromacy



## Original Color

59.8940, -22.6257, 23.7720

## Protanomaly

59.6540, -22.0144, 14.3354

## Deuteranomaly

60.0460, -23.1937, 19.2537

## Tritanomaly

61.3960, -10.5482, 23.3317

# Monochromacy



## Original Color

59.8940, -22.6257, 23.7720

## Achromatopsia

60.0000, 0.0000, 0.0000

## Achromatomaly

59.8780, -8.3209, 8.8770

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 59.8940, -22.6257, 23.7720 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(87, 55, 14)` looks like.

```
.text, #text, p{  
    color:rgb(87, 55, 14)  
}
```

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(87, 55, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 55, 14) }
```

## Border

The CSS property to change the border of an element to YUV 59.8940, -22.6257, 23.7720 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(87, 55, 14) }
```



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

```
.border{ border-color:rgb(87, 55, 14) }
```

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

Here you see how a box with a 4 pixel rgb(87, 55, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 55, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 55, 14);  
box-shadow:4px 4px 4px 4px rgb(87, 55, 14)  
}
```

# Background

The CSS property to change the background color of an element to YUV 59.8940, -22.6257, 23.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 55, 14) }
```

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

```
.background{ background-color: rgb(87, 55,  
14) }
```

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](#).

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