

Converting Colors

YUV(92.8390, -5.8366, 5.4032)

Have a look what the booklet for
YUV(92.8390, -5.8366, 5.4032)
contains.

YUV(92.8390, -5.8366, 5.4032)	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(92.8390, -5.8366,
5.4032)**

Conversions

Conversions Part 1

Format	Color
Hex	635C51
RGB	99, 92, 81
RGB Percent	39%, 36%, 32%
CMY	0.6118, 0.6392, 0.6824
CMYK	0.00, 0.07, 0.18, 0.61
HSL	37°, 10%, 35%
HSV	37°, 18%, 39%
XYZ	10.4579, 10.9010, 9.3375
YIQ	92.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

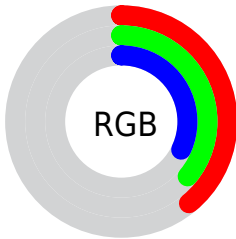
Format	Color
R_{YB}	92, 99, 81
Decimal	6511697
CIE Lab	39.41, 0.74, 7.34
CIE LCh	39, 7.381, 84.231
Yxy	10.9010, 0.3407, 0.3551
Android (android.graphics.Color)	4284701777 (0xFF635C51)
YUV	92.8390, -5.8366, 5.4032
Hunter-Lab	33.0167, -1.2399, 6.3438

Details

The YUV color **92.8390, -5.8366, 5.4032** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.1610, 5.8366, -5.4032**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0240, -6.4208, 6.1180**, and **46.6540, -5.2524, 4.6884** is the 20% darker color. If you saturate the color by 10%, you get **89.3510, -9.0470, 8.4622**, and if you desaturate by 10%, it is **96.3270, -2.6262, 2.3442**.

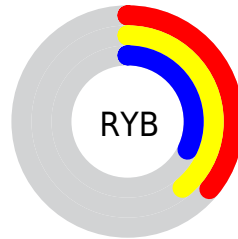
Distribution



Red (39%)

Green (36%)

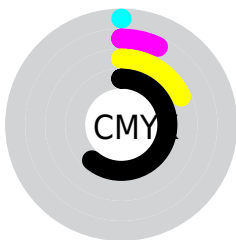
Blue (32%)



Red (36%)

Yellow (39%)

Blue (32%)

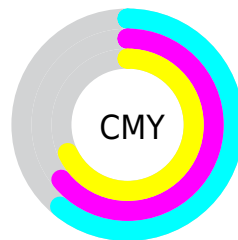


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (61%)



Cyan (61%)

Magenta (64%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.8390, -5.8366, 5.4032 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 92.8390, -5.8366, 5.4032 by changing the saturation by 10% instead.

■ 92.8390, -5.8366,
5.4032

■ 92.8390, -5.8366,
5.4032

■ 255.0000, 0.0000,
0.0000

■ 69.5400, -5.6892,
4.7884

■ 143.0240, -6.4208,
6.1180

■ 46.6540, -5.2524,
4.6884

■ 169.9100, -6.8576,
6.2179

■ 26.3550, -5.1050,
4.0737

■ 196.9100, -6.8576,
6.2179

■ 0.0000, 0.0000,
0.0000

■ 224.9100, -6.8576,
6.2179

■ 251.4150, -6.1206,
3.1440

■ 92.8390, -5.8366,
5.4032

■ 92.8390, -5.8366,
5.4032

■ 89.3510, -9.0470,
8.4622

■ 96.3270, -2.6262,
2.3442

■ 85.8630, -12.2575,
11.5211

■ 99.8150, 0.5842,
-0.7148

■ 82.3750, -15.4679,
14.5801

■ 103.3030, 3.7946,
-3.7737

■ 79.4740, -18.9677,
17.1243

■ 106.2040, 7.2944,
-6.3179

■ 75.9860, -22.1781,
20.1833

■ 109.6920, 10.5048,
-9.3769

■ 72.6120, -24.9517,
23.1423

■ 113.0660, 13.2785,
-12.3359

■ 69.1240, -28.1621,
26.2013

■ 116.5540, 16.4889,
-15.3949

■ 65.6360, -31.3725,

■ 120.0420, 19.6993,

29.2602

-18.4538

■ 65.4080, -32.2461,
29.4602

■ 123.5300, 22.9097,
-21.5128

Harmonies

Analogous

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



93.3880, -5.1213, 9.3067



92.8390, -5.8366, 5.4032



92.0340, -4.9468, -0.0298

Triad

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



92.8390, -5.8366, 5.4032



90.7320, 3.0901, -11.1660



94.1300, 2.8939, 5.1480

Complementary

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



92.8390, -5.8366, 5.4032



87.1610, 5.8366, -5.4032

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.



93.6670, 5.0942, -0.5850



92.8390, -5.8366, 5.4032



91.3130, 5.2687, -9.9215

Square

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



92.8390, -5.8366, 5.4032



90.6460, 0.1745, -9.3365



92.5630, 6.1314, -6.6328



94.0550, -0.0271, 8.7218

Rectangle

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



92.8390, -5.8366, 5.4032



91.6530, -3.7729, -3.2037



92.5630, 6.1314, -6.6328



93.3470, 3.7729, 3.2037

Sweetspot

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



92.8390, -5.8366, 5.4032



125.4410, -2.1894, 2.2442



87.1800, 0.4043, 10.3661



62.3700, -1.1684, 1.4295



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



92.8390, -5.8366, 5.4032



118.2370, -9.4838, 8.5622



96.3500, -7.5675, 0.5701



46.9570, -1.4578, 0.9147



73.9910, -36.4776, 33.3339



157.4620, -77.6288, 72.3858

Inverse Universe

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



87.1610, 5.8366, -5.4032



108.7630, 9.4838, -8.5622



83.6500, 7.5675, -0.5701



45.0430, 1.4578, -0.9147



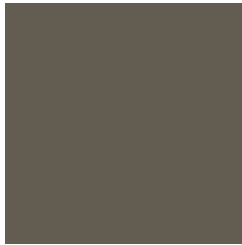
38.5960, 36.1882, -33.8487



81.9510, 77.9182, -71.8710

Previews

White Background



This preview shows how the YUV color 92.8390, -5.8366, 5.4032 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 92.8390, -5.8366, 5.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

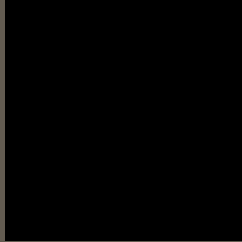
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.8390, -5.8366, 5.4032

Background



This preview shows how black text looks on a background with the YUV color 92.8390, -5.8366, 5.4032.



This preview shows how white text looks on a background with the YUV color 92.8390, -5.8366,

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

92.8390, -5.8366, 5.4032

Protanopia

92.8280, -5.8312, 3.6588

Deuteranopia

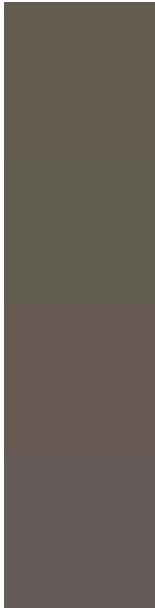
93.2850, -5.5635, 11.1511



Tritanopia

94.0870, 1.4361, 6.0627

Trichromacy



Original Color

92.8390, -5.8366, 5.4032

Protanomaly

93.1270, -5.9786, 4.2736

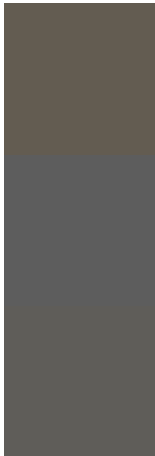
Deuteranomaly

92.9750, -5.4107, 8.7919

Tritanomaly

93.6910, -1.3267, 5.5330

Monochromacy



Original Color

92.8390, -5.8366, 5.4032

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.8390, -5.8366, 5.4032 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(99, 92, 81)` looks like.

```
.text, #text, p{  
    color:rgb(99, 92, 81)  
}
```

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(99, 92, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 92, 81) }
```

Border

The CSS property to change the border of an element to YUV 92.8390, -5.8366, 5.4032 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(99, 92, 81) }
```


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

```
.border{ border-color:rgb(99, 92, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 92, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 92, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 92, 81);  
box-shadow:4px 4px 4px 4px rgb(99, 92, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 92.8390, -5.8366, 5.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 92, 81) }
```

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

```
.background{ background-color: rgb(99, 92,  
81) }
```

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