

Converting Colors

YUV(95.7230, 0.1366, 2.8739)

Have a look what the booklet for
YUV(95.7230, 0.1366, 2.8739)
contains.

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Color

**YUV(95.7230, 0.1366,
2.8739)**

Conversions

Conversions Part 1

Format	Color
Hex	635E60
RGB	99, 94, 96
RGB Percent	39%, 37%, 38%
CMY	0.6118, 0.6314, 0.6235
CMYK	0.00, 0.05, 0.03, 0.61
HSL	336°, 3%, 38%
HSV	336°, 5%, 39%
XYZ	11.2596, 11.5026, 12.6931
YIQ	95.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

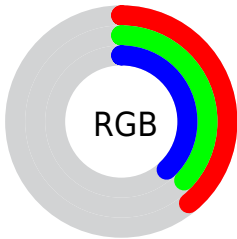
Format	Color
R_YB	99, 94, 96
Decimal	6512224
CIE Lab	40.41, 2.40, -0.43
CIE LCh	40, 2.438, 349.724
Yxy	11.5026, 0.3176, 0.3244
Android (android.graphics.Color)	4284702304 (0xFF635E60)
YUV	95.7230, 0.1366, 2.8739
Hunter-Lab	33.9155, -0.0917, 1.5511

Details

The YUV color **95.7230, 0.1366, 2.8739** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.2770, -0.1366, -2.8739**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0220, -0.0108, 3.4887**, and **49.7230, 0.1366, 2.8739** is the 20% darker color. If you saturate the color by 10%, you get **89.1690, 0.4097, 8.6218**, and if you desaturate by 10%, it is **102.2770, -0.1366, -2.8739**.

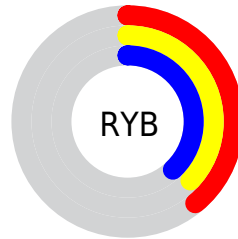
Distribution



Red (39%)

Green (37%)

Blue (38%)



Red (39%)

Yellow (37%)

Blue (38%)

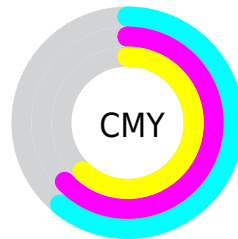


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (61%)



Cyan (61%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7230, 0.1366, 2.8739 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 95.7230, 0.1366, 2.8739 by changing the saturation by 10% instead.

■ 95.7230, 0.1366,
2.8739

■ 95.7230, 0.1366,
2.8739

255.0000, 0.0000,
0.0000

■ 71.7230, 0.1366,
2.8739

■ 146.0220, -0.0108,
3.4887

■ 49.7230, 0.1366,
2.8739

■ 172.7230, 0.1366,
2.8739

■ 28.4240, 0.2840,
2.2592

■ 200.0220, -0.0108,
3.4887

■ 2.4350, 0.2785,
4.0035

■ 228.0220, -0.0108,
3.4887

■ 0.0000, 0.0000,
0.0000

■ 95.7230, 0.1366,

■ 95.7230, 0.1366,

2.8739

2.8739

■ 89.1690, 0.4097,
8.6218

■ 102.2770, -0.1366,
-2.8739

■ 82.6150, 0.6828,
14.3696

■ 108.8310, -0.4097,
-8.6218

■ 76.0610, 0.9559,
20.1175

■ 115.3850, -0.6828,
-14.3696

■ 69.5070, 1.2290,
25.8654

■ 121.9390, -0.9559,
-20.1175

■ 63.5400, 1.2128,
31.0984

■ 128.4930, -1.2290,
-25.8654

■ 56.9860, 1.4859,
36.8463

■ 134.4600, -1.2128,
-31.0984

■ 50.4320, 1.7590,
42.5941

■ 141.0140, -1.4859,
-36.8463

■ 43.8780, 2.0321,
48.3420

■ 147.5680, -1.7590,
-42.5941

■ 37.4380, 2.7421,
53.9899

■ 154.0080, -2.4689,
-48.2420

Harmonies

Analogous

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



95.3530, 1.3050, 1.4444



95.7230, 0.1366, 2.8739



95.7940, -0.8844, 3.6887

Triad

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



95.7230, 0.1366, 2.8739



95.4300, -2.1840, 0.4999



94.7330, 1.6106, -3.2738

Complementary

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



95.7230, 0.1366, 2.8739



97.2770, -0.1366, -2.8739

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.



94.5050, 0.7370, -3.0739



95.7230, 0.1366, 2.8739



94.7610, -0.8682, -1.5444

Square

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



95.7230, 0.1366, 2.8739



95.4410, -2.1894, 2.2442



94.2770, -0.1366, -2.8739



95.4450, 1.7526, -2.1443

Rectangle

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



95.7230, 0.1366, 2.8739



95.6800, -1.3212, 3.7886



94.2770, -0.1366, -2.8739



94.7330, 1.6106, -3.2738

Sweetspot

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



95.7230, 0.1366, 2.8739



126.0110, -0.0054, 1.7444



95.4670, 1.7418, 1.3444



62.7120, 0.1420, 1.1296



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.



95.7230, 0.1366, 2.8739



122.7340, 0.1311, 4.6183



96.0820, -1.0264, 2.5591



46.0110, -0.0054, 1.7444



38.6180, 3.1463, 64.3560



82.7040, 6.5549, 137.9486

Inverse Universe

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



95.7230, 0.1366, 2.8739



122.7340, 0.1311, 4.6183



97.5050, 0.7370, -3.0739



46.0110, -0.0054, 1.7444



38.6180, 3.1463, 64.3560



82.7040, 6.5549, 137.9486

Previews

White Background



This preview shows how the YUV color 95.7230, 0.1366, 2.8739 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 95.7230, 0.1366, 2.8739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

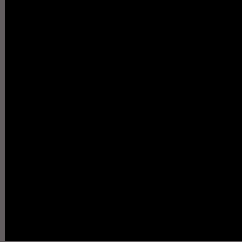
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7230, 0.1366, 2.8739

Background



This preview shows how black text looks on a background with the YUV color 95.7230, 0.1366, 2.8739.



This preview shows how white text looks on a background with the YUV color 95.7230, 0.1366,

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

95.7230, 0.1366, 2.8739

Protanopia

95.7120, 0.1420, 1.1296

Deuteranopia

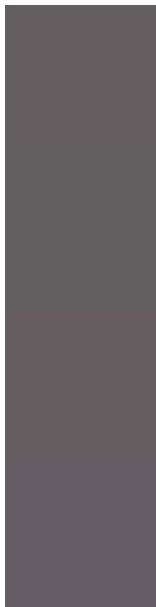
96.0440, -0.0217, 6.9774



Tritanopia

96.0050, 2.4625, 3.5036

Trichromacy



Original Color

95.7230, 0.1366, 2.8739

Protanomaly

96.0110, -0.0054, 1.7444

Deuteranomaly

96.0330, -0.0163, 5.2331

Tritanomaly

95.7770, 1.5889, 3.7036

Monochromacy



Original Color

95.7230, 0.1366, 2.8739

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7120, 0.1420, 1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7230, 0.1366, 2.8739 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, 94, 96)` looks like.

```
.text, #text, p{  
    color:rgb(99, 94, 96)  
}
```

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, 94, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 94, 96) }
```

Border

The CSS property to change the border of an element to YUV 95.7230, 0.1366, 2.8739 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, 94, 96) }
```


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

```
.border{ border-color:rgb(99, 94, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 94, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 94, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 94, 96);  
box-shadow:4px 4px 4px 4px rgb(99, 94, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.7230, 0.1366, 2.8739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 94, 96) }
```

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

```
.background{ background-color: rgb(99, 94,  
96) }
```

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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