

Converting Colors

YUV(95.7690, 10.4669, 2.8336)

Have a look what the booklet for
YUV(95.7690, 10.4669, 2.8336)
contains.

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Color

**YUV(95.7690, 10.4669,
2.8336)**

Conversions

Conversions Part 1

Format	Color
Hex	635A75
RGB	99, 90, 117
RGB Percent	39%, 35%, 46%
CMY	0.6118, 0.6471, 0.5412
CMYK	0.15, 0.23, 0.00, 0.54
HSL	260°, 13%, 41%
HSV	260°, 23%, 46%
XYZ	12.0126, 11.2493, 18.3678
YIQ	95.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

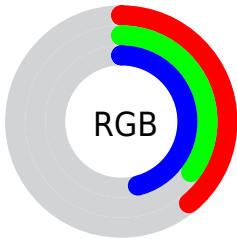
Format	Color
R_{YB}	99, 90, 117
Decimal	6511221
CIE Lab	40.00, 9.55, -13.96
CIE LCh	40, 16.917, 304.382
Yxy	11.2493, 0.2886, 0.2702
Android (android.graphics.Color)	4284701301 (0xFF635A75)
YUV	95.7690, 10.4669, 2.8336
Hunter-Lab	33.5400, 5.2362, -8.9915

Details

The YUV color **95.7690, 10.4669, 2.8336** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **111.2310, -10.4669, -2.8336**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2960, 11.1931, 3.2484**, and **49.2420, 9.7407, 2.4188** is the 20% darker color. If you saturate the color by 10%, you get **86.3330, 15.1188, 4.0930**, and if you desaturate by 10%, it is **105.2050, 5.8149, 1.5742**.

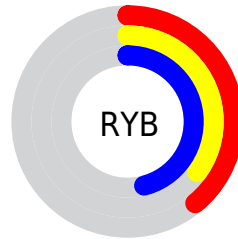
Distribution



Red (39%)

Green (35%)

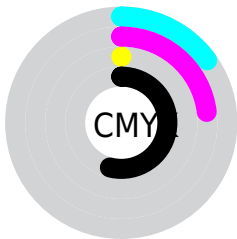
Blue (46%)



Red (39%)

Yellow (35%)

Blue (46%)

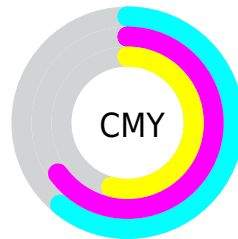


Cyan (15%)

Magenta (23%)

Yellow (0%)

Black (54%)



Cyan (61%)

Magenta (65%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7690, 10.4669, 2.8336 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 95.7690, 10.4669, 2.8336 by changing the saturation by 10% instead.

■ 95.7690, 10.4669,
2.8336

■ 95.7690, 10.4669,
2.8336

■ 255.0000, 0.0000,
0.0000

■ 72.2420, 9.7407,
2.4188

■ 146.2960, 11.1931,
3.2484

■ 49.2420, 9.7407,
2.4188

■ 172.7090, 11.4825,
3.7632

■ 28.3020, 8.7251,
1.4891

■ 200.4100, 11.6299,
3.1484

■ 5.6550, 10.0301,
2.9336

■ 228.2360, 12.2087,
4.1780

■ 0.0000, 0.0000,
0.0000

■ 252.0650, 1.4470,
2.5740

■ 95.7690, 10.4669,
2.8336

■ 95.7690, 10.4669,
2.8336

■ 86.3330, 15.1188,
4.0930

■ 105.2050, 5.8149,
1.5742

■ 77.4840, 19.4814,
4.8375

■ 114.0540, 1.4524,
0.8296

■ 68.3470, 23.9859,
6.7117

■ 123.1910, -3.0522,
-1.0445

■ 58.9110, 28.6379,
7.9711

■ 132.6270, -7.7041,
-2.3039

■ 50.0620, 33.0004,
8.7156

■ 142.0630,
-12.3561, -3.5633

■ 40.6260, 37.6524,
9.9750

■ 150.9120,
-16.7186, -4.3078

■ 31.1900, 42.3043,
11.2344


■ 160.3480,
-21.3706, -5.5672

■ 24.9990, 45.3565,

■ 169.4850,

12.2789

-25.8751, -7.4413

 178.3340,
-30.2377, -8.1859

Harmonies

Analogous

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



93.5930, 14.0047, -11.9211



95.7690, 10.4669, 2.8336



96.6520, 4.6086, 15.2142

Triad

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



95.7690, 10.4669, 2.8336



94.3090, -11.9843, 17.2690



88.1600, 3.8651, -26.4503

Complementary

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



95.7690, 10.4669, 2.8336



111.2310, -10.4669, -2.8336

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.



89.8640, -3.8770, -16.5437



95.7690, 10.4669, 2.8336



93.3140, -12.9728, 7.6176

Square

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



95.7690, 10.4669, 2.8336



95.6670, -8.2168, 22.2170



91.6330, -10.1721, -4.0631



87.5600, 10.5699, -30.3091

Rectangle

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



95.7690, 10.4669, 2.8336



96.2460, 0.3717, 20.8323



91.6330, -10.1721, -4.0631



88.7860, 1.0915, -23.4913

Sweetspot

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



95.7690, 10.4669, 2.8336



144.4500, 4.2152, 1.3594



103.6440, 6.5845, -11.9658



71.3960, 2.7628, 0.5297



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



95.7690, 10.4669, 2.8336



119.0880, 16.7186, 4.3078



99.9550, 8.4032, 11.4405



54.2820, 2.3260, 0.6297



26.1670, 47.2457, 13.0085



53.3170, 96.9647, 26.0320

Inverse Universe

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



100.1250, 3.8824, 14.7994



126.1630, 6.3286, 23.5360



107.3440, -8.5506, -10.8257



55.2500, 0.8628, 3.2888



45.8260, 17.8338, 66.8046



93.7880, 36.0935, 136.9979

Previews

White Background



This preview shows how the YUV color 95.7690, 10.4669, 2.8336 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 95.7690, 10.4669, 2.8336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

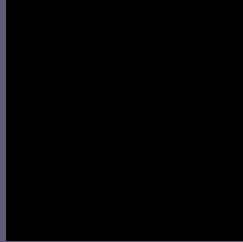
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7690, 10.4669, 2.8336

Background



This preview shows how black text looks on a background with the YUV color 95.7690, 10.4669, 2.8336.



This preview shows how white text looks on a background with the YUV color 95.7690, 10.4669,

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

95.7690, 10.4669, 2.8336

Protanopia

94.4690, 12.0938, -5.6733

Deuteranopia

94.8500, 10.9200, -2.4994



Tritanopia

94.6950, 2.6154, 1.1445

Trichromacy



Original Color

95.7690, 10.4669, 2.8336

Protanomaly

94.9640, 11.3567, -2.5994

Deuteranomaly

95.1600, 10.7671, -0.1403

Tritanomaly

95.0910, 5.3781, 1.6742

Monochromacy



Original Color

95.7690, 10.4669, 2.8336

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0370, 3.9258, 0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7690, 10.4669, 2.8336 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, 90, 117)` looks like.

```
.text, #text, p{  
    color:rgb(99, 90, 117)  
}
```

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, 90, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 90, 117) }
```

Border

The CSS property to change the border of an element to YUV 95.7690, 10.4669, 2.8336 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, 90, 117) }
```


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

```
.border{ border-color:rgb(99, 90, 117) }
```

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

Here you see how a box with a 4 pixel rgb(99, 90, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 90, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 90, 117);  
box-shadow:4px 4px 4px 4px rgb(99, 90,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 95.7690, 10.4669, 2.8336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 90, 117) }
```

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

```
.background{ background-color: rgb(99, 90,  
117) }
```

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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