

Converting Colors

YUV(101.5700, 25.3550,
-59.2589)

Have a look what the booklet for
YUV(101.5700, 25.3550, -59.2589)
contains.

YUV(101.5700, 25.3550, -59.2589)	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(101.5700, 25.3550,
-59.2589)**

Conversions

Conversions Part 1

Format	Color
Hex	227E99
RGB	34, 126, 153
RGB Percent	13%, 49%, 60%
CMY	0.8667, 0.5059, 0.4000
CMYK	0.78, 0.18, 0.00, 0.40
HSL	194°, 64%, 37%
HSV	194°, 78%, 60%
XYZ	13.8703, 17.5617, 32.7957
YIQ	101.5700, -63.4990, -11.1070

Conversions

Conversions Part 2

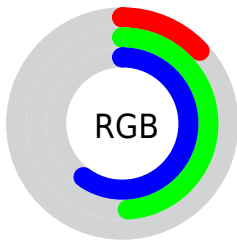
Format	Color
R_{YB}	34, 86, 153
Decimal	2260633
CIE _{Lab}	48.96, -16.76, -22.06
CIE _{LCh}	49, 27.708, 232.780
Yxy	17.5617, 0.2160, 0.2734
Android (android.graphics.Color)	4280450713 (0xFF227E99)
YUV	101.5700, 25.3550, -59.2589
Hunter-Lab	41.9067, -14.2566, -17.0650

Details

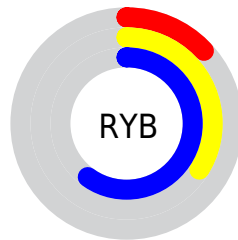
The YUV color **101.5700, 25.3550, -59.2589** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **85.4300, -25.3550, 59.2589**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9730, 24.1703, -52.5963**, and **56.8270, 22.2703, -49.8373** is the 20% darker color. If you saturate the color by 10%, you get **95.3240, 28.4343, -66.9361**, and if you desaturate by 10%, it is **107.8160, 22.2757, -51.5816**.

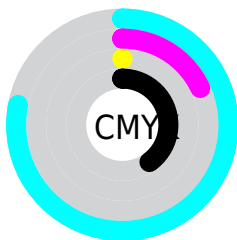
Distribution



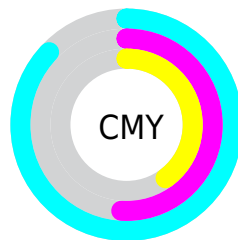
- Red (13%)
- Green (49%)
- Blue (60%)



- Red (13%)
- Yellow (34%)
- Blue (60%)



- Cyan (78%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.5700, 25.3550, -59.2589 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 101.5700, 25.3550, -59.2589 by changing the saturation by 10% instead.

101.5700, 25.3550,
-59.2589

101.5700, 25.3550,
-59.2589

255.0000, 0.0000,
0.0000

73.7650, 26.2449,
-64.6919

157.9730, 24.1703,
-52.5963

56.8270, 22.2703,
-49.8373

185.7990, 24.7491,
-51.5667

40.5900, 18.4431,
-35.5974

213.6590, 20.3811,
-50.5669

25.6410, 14.4740,
-22.4872

234.0700, 10.3185,
-43.0344

5.0500, 14.2723,
-4.4289

242.7410, 6.0437,
-25.2059

0.7980, 3.0576,
-0.6998

251.7110, 1.6215,

0.0000, 0.0000,

-6.7625

0.0000

■ 101.5700, 25.3550,
-59.2589

■ 101.5700, 25.3550,
-59.2589

■ 95.3240, 28.4343,
-66.9361

■ 107.8160, 22.2757,
-51.5816

■ 88.1920, 31.9503,
-74.7134

■ 114.9480, 18.7596,
-43.8044

■ 86.7080, 32.6820,
-76.0429

■ 121.1940, 15.6804,
-36.1271

■ 128.0270, 12.3117,
-28.9647

■ 134.2730, 9.2324,
-21.2874

■ 141.4050, 5.7163,
-13.5102

■ 147.6510, 2.6371,
-5.8329

■ 154.4840, -0.7316,
1.3295

■ 161.0290, -3.9583,
9.6216

Harmonies

Analogous

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



98.7730, 17.3669, -63.8219



101.5700, 25.3550, -59.2589



110.7350, 25.2736, -33.0936

Triad

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



101.5700, 25.3550, -59.2589



119.3770, 1.7861, 33.8724



112.7340, -20.0819, 1.1103

Complementary

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



101.5700, 25.3550, -59.2589



85.4300, -25.3550, 59.2589

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.



115.2740, -22.3201, 19.0537



101.5700, 25.3550, -59.2589



117.8370, -9.2866, 38.7310

Square

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



101.5700, 25.3550, -59.2589



119.7370, 12.4547, 18.6477



116.8010, -18.1429, 32.6235



109.8930, -11.2862, -20.0772

Rectangle

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



101.5700, 25.3550, -59.2589



115.5740, 22.8880, -14.5354



116.8010, -18.1429, 32.6235



113.7240, -21.5559, 7.2581

Sweetspot

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



101.5700, 25.3550, -59.2589



179.3760, 9.6746, -23.1318



106.8170, -23.0808, -63.8605



87.4050, 5.7163, -13.5102



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



101.5700, 25.3550, -59.2589



119.0310, 39.4247, -92.1122



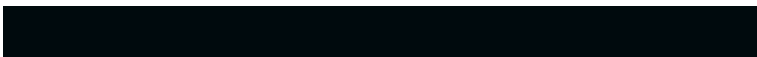
67.5240, 42.1397, -29.4005



73.4340, 1.7580, -3.8886



79.3560, 29.8975, -69.5952



7.3520, 2.7845, -6.4477

Inverse Universe

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



80.0690, 22.6440, 63.9605



85.6170, 35.1918, 99.4369



119.4760, -42.1397, 29.4005



72.0760, 1.4415, 4.3183



54.1720, 26.5372, 75.2712



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 101.5700, 25.3550, -59.2589 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 101.5700, 25.3550, -59.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

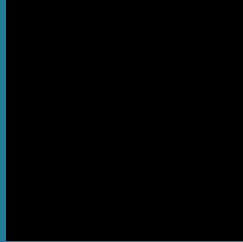
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 101.5700, 25.3550, -59.2589 Background



This preview shows how black text looks on a background with the YUV color 101.5700, 25.3550, -59.2589.



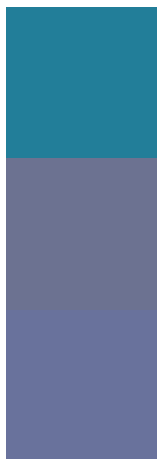
This preview shows how white text looks on a background with the YUV color 101.5700, 25.3550,

-59.2589.

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

101.5700, 25.3550, -59.2589

Protanopia

115.7400, 14.4252, -6.7880

Deuteranopia

116.0970, 19.6722, -9.7321



Tritanopia

96.3640, 21.0195, -68.7252

Trichromacy



Original Color

101.5700, 25.3550, -59.2589

Protanomaly

110.3570, 18.5580, -25.7461

Deuteranomaly

110.5570, 21.9104, -27.6755

Tritanomaly

98.1410, 22.6085, -65.0217

Monochromacy



Original Color

101.5700, 25.3550, -59.2589

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.9740, 9.3798, -21.9022

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.5700, 25.3550, -59.2589 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(34, 126, 153)` looks like.

```
.text, #text, p{  
    color:rgb(34, 126, 153)  
}
```

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(34, 126, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 126, 153) }
```

Border

The CSS property to change the border of an element to YUV 101.5700, 25.3550, -59.2589 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(34, 126, 153) }
```


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

```
.border{ border-color:rgb(34, 126, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 126, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 126, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 126, 153);  
box-shadow:4px 4px 4px 4px rgb(34, 126,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 101.5700, 25.3550, -59.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 126, 153) }
```

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

```
.background{ background-color: rgb(34, 126,  
153) }
```

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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