

Converting Colors

YUV(109.2600, 49.1718,
-44.9550)

Have a look what the booklet for
YUV(109.2600, 49.1718, -44.9550)
contains.

YUV(109.2600, 49.1718, -44.9550)	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(109.2600, 49.1718,
-44.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	3A74D1
RGB	58, 116, 209
RGB Percent	23%, 45%, 82%
CMY	0.7725, 0.5451, 0.1804
CMYK	0.72, 0.44, 0.00, 0.18
HSL	217°, 62%, 52%
HSV	217°, 72%, 82%
XYZ	19.4989, 17.9938, 62.7670
YIQ	109.2600, -64.4210, 16.6270

Conversions

Conversions Part 2

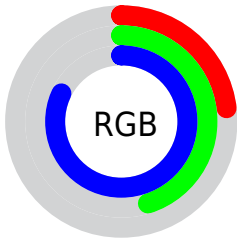
Format	Color
R_{YB}	58, 100, 209
Decimal	3830993
CIE _{Lab}	49.49, 12.61, -53.54
CIE _{LCh}	49, 55.005, 283.255
Yxy	17.9938, 0.1945, 0.1795
Android (android.graphics.Color)	4282021073 (0xFF3A74D1)
YUV	109.2600, 49.1718, -44.9550
Hunter-Lab	42.4191, 7.8184, -58.0374

Details

The YUV color **109.2600, 49.1718, -44.9550** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **157.7400, -49.1718, 44.9550**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8760, 44.9241, -35.8483**, and **58.0590, 47.2989, -50.9177** is the 20% darker color. If you saturate the color by 10%, you get **95.3500, 56.0295, -51.1729**, and if you desaturate by 10%, it is **123.1700, 42.3142, -38.7371**.

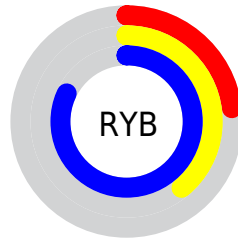
Distribution



Red (23%)

Green (45%)

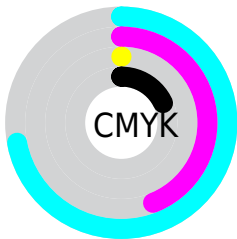
Blue (82%)



Red (23%)

Yellow (39%)

Blue (82%)

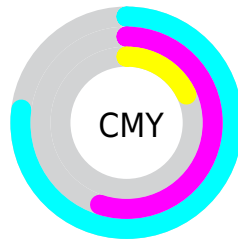


Cyan (72%)

Magenta (44%)

Yellow (0%)

Black (18%)



Cyan (77%)

Magenta (55%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2600, 49.1718, -44.9550 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 109.2600, 49.1718, -44.9550 by changing the saturation by 10% instead.

■ 109.2600, 49.1718,
-44.9550

■ 109.2600, 49.1718,
-44.9550

■ 255.0000, 0.0000,
0.0000

■ 74.6380, 52.4365,
-65.4575

■ 163.8760, 44.9241,
-35.8483

■ 58.0590, 47.2989,
-50.9177

■ 189.2820, 32.3990,
-31.8193

■ 42.0670, 41.8720,
-36.8928

■ 214.1010, 20.1632,
-27.2756

■ 28.0640, 36.4504,
-24.6121

■ 240.0940, 7.3487,
-23.7614

■ 9.9520, 33.0547,
-8.7279

■ 251.4120, 1.7689,
-7.3773

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 109.2600, 49.1718,
-44.9550

■ 109.2600, 49.1718,
-44.9550

■ 95.3500, 56.0295,
-51.1729

■ 123.1700, 42.3142,
-38.7371

■ 81.4400, 62.8871,
-57.3909

■ 137.0800, 35.4566,
-32.5192

■ 70.7860, 68.1395,
-62.0793

■ 150.9900, 28.5989,
-26.3012

■ 164.3130, 22.0307,
-19.5685

■ 178.2230, 15.1731,
-13.3506

■ 191.8340, 8.4628,
-7.7474

■ 205.7440, 1.6052,
-1.5295

■ 219.6540, -5.2524,
4.6884

■ 233.5640,
-12.1101, 10.9064

Harmonies

Analogous

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



99.9080, 52.7964, -87.6193



109.2600, 49.1718, -44.9550



121.2100, 31.9415, 21.7408

Triad

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



109.2600, 49.1718, -44.9550



113.8610, -29.0185, 67.6509



91.1520, -1.0609, -79.9403

Complementary

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



109.2600, 49.1718, -44.9550



157.7400, -49.1718, 44.9550

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.



102.8320, -29.0042, -30.5477



109.2600, 49.1718, -44.9550



112.7120, -46.6930, 43.2256

Square

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



109.2600, 49.1718, -44.9550



113.9480, -7.3694, 77.2216



108.4770, -50.5212, 10.9827



97.9120, 19.7634, -85.8688

Rectangle

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



109.2600, 49.1718, -44.9550



119.7100, 20.3560, 51.1203



108.4770, -50.5212, 10.9827



88.1540, -7.4709, -77.3111

Sweetspot

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



109.2600, 49.1718, -44.9550



217.7110, 18.3835, -16.4095



157.0110, -3.9494, -86.8326



105.5070, 11.0890, -10.0916



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



109.2600, 49.1718, -44.9550



108.2030, 72.3709, -65.9530



79.6990, 63.7454, -5.8750



97.6020, 3.6472, -3.1590



57.3070, 54.5716, -50.2582



14.0660, 13.2785, -12.3359

Inverse Universe

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



109.7610, 3.0758, 87.0326



109.0680, 4.4035, 127.9824



187.3010, -63.7454, 5.8750



97.7450, 0.1257, 6.3626



57.6420, 3.6275, 96.7840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 109.2600, 49.1718, -44.9550 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 109.2600, 49.1718, -44.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

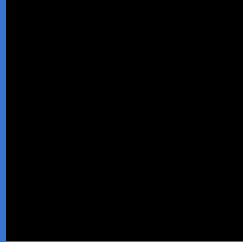
Any Text WCAG AA ✓ Pass

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 109.2600, 49.1718, -44.9550 Background



This preview shows how black text looks on a background with the YUV color 109.2600, 49.1718, -44.9550.



This preview shows how white text looks on a background with the YUV color 109.2600, 49.1718, -44.9550.

-44.9550.

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

109.2600, 49.1718, -44.9550

Protanopia

112.6420, 46.5185, -33.8890

Deuteranopia

102.8340, 51.8468, -62.9984



Tritanopia

92.2700, 23.5309, -80.9208

Trichromacy



Original Color

109.2600, 49.1718, -44.9550

Protanomaly

111.5490, 47.5503, -38.1925

Deuteranomaly

105.2370, 50.6622, -56.3358

Tritanomaly

98.4640, 32.8022, -67.9359

Monochromacy



Original Color

109.2600, 49.1718, -44.9550

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1840, 17.6573, -16.8244

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2600, 49.1718, -44.9550 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(58, 116, 209)` looks like.

```
.text, #text, p{  
    color:rgb(58, 116, 209)  
}
```

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(58, 116, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 116, 209) }
```

Border

The CSS property to change the border of an element to YUV 109.2600, 49.1718, -44.9550 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(58, 116, 209) }
```


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

```
.border{ border-color:rgb(58, 116, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 116, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 116, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 116, 209);  
box-shadow:4px 4px 4px 4px rgb(58, 116,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 109.2600, 49.1718, -44.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 116, 209) }
```

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

```
.background{ background-color: rgb(58, 116,  
209) }
```

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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