

Converting Colors

YUV(109.6600, 55.8766,
-48.8138)

Have a look what the booklet for
YUV(109.6600, 55.8766, -48.8138)
contains.

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Color

**YUV(109.6600, 55.8766,
-48.8138)**

Conversions

Conversions Part 1

Format	Color
Hex	3674DF
RGB	54, 116, 223
RGB Percent	21%, 45%, 87%
CMY	0.7882, 0.5451, 0.1255
CMYK	0.76, 0.48, 0.00, 0.13
HSL	218°, 73%, 54%
HSV	218°, 76%, 87%
XYZ	21.0860, 18.6028, 72.2914
YIQ	109.6600, -71.2990, 20.1330

Conversions

Conversions Part 2

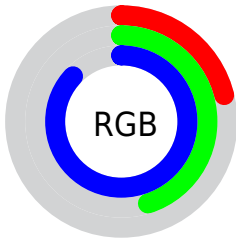
Format	Color
R_{YB}	54, 99, 223
Decimal	3568863
CIE _{Lab}	50.22, 17.26, -60.31
CIE _{LCh}	50, 62.726, 285.968
Yxy	18.6028, 0.1883, 0.1661
Android (android.graphics.Color)	4281758943 (0xFF3674DF)
YUV	109.6600, 55.8766, -48.8138
Hunter-Lab	43.1309, 11.7866, -69.1838

Details

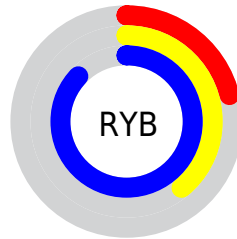
The YUV color **109.6600, 55.8766, -48.8138** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **167.3400, -55.8766, 48.8138**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8760, 44.9241, -35.8483**, and **59.5410, 52.9773, -52.2175** is the 20% darker color. If you saturate the color by 10%, you get **94.8640, 63.1710, -55.1317**, and if you desaturate by 10%, it is **124.4560, 48.5822, -42.4959**.

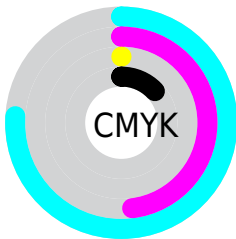
Distribution



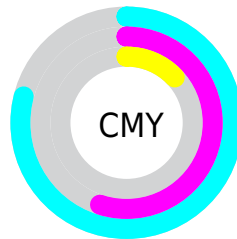
- Red (21%)
- Green (45%)
- Blue (87%)



- Red (21%)
- Yellow (39%)
- Blue (87%)



- Cyan (76%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (79%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6600, 55.8766, -48.8138 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 109.6600, 55.8766, -48.8138 by changing the saturation by 10% instead.

■ 109.6600, 55.8766,
-48.8138

■ 109.6600, 55.8766,
-48.8138

255.0000, 0.0000,
0.0000

■ 76.2340, 58.5516,
-66.8572

■ 163.8760, 44.9241,
-35.8483

■ 59.5410, 52.9773,
-52.2175

■ 188.9940, 32.5410,
-30.6897

■ 44.1360, 47.2610,
-38.7073

■ 214.6990, 19.8684,
-26.0460

■ 30.0190, 41.4026,
-26.3267

■ 240.6920, 7.0538,
-22.5319

■ 10.1460, 38.8750,
-8.8980

■ 252.3090, 1.3267,
-5.5330

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 109.6600, 55.8766,
-48.8138

■ 109.6600, 55.8766,
-48.8138

■ 94.8640, 63.1710,
-55.1317

■ 124.4560, 48.5822,
-42.4959

■ 79.7690, 70.6129,
-62.0644

■ 139.5510, 41.1404,
-35.5632

■ 73.5560, 73.6759,
-64.5086

■ 154.3470, 33.8459,
-29.2453

■ 169.1430, 26.5515,
-22.9274

■ 184.8250, 18.8203,
-16.5095

■ 199.6210, 11.5258,
-10.1916

■ 214.4170, 4.2314,
-3.8737

■ 229.2130, -3.0630,
2.4442

■ 244.3080,
-10.5048, 9.3769

Harmonies

Analogous

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



103.6070, 59.3537, -90.8633



109.6600, 55.8766, -48.8138



122.4760, 35.2613, 30.2775

Triad

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



109.6600, 55.8766, -48.8138



113.7110, -34.8605, 74.7985



93.8420, -0.9081, -82.2994

Complementary

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



109.6600, 55.8766, -48.8138



167.3400, -55.8766, 48.8138

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.



99.5870, -30.8554, -43.4878



109.6600, 55.8766, -48.8138



112.4320, -55.4290, 45.2251

Square

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



109.6600, 55.8766, -48.8138



111.5690, -9.1545, 89.8320



108.9450, -53.7099, 7.0642



101.2860, 22.5370, -88.8278

Rectangle

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



109.6600, 55.8766, -48.8138



119.2430, 22.0652, 62.9309



108.9450, -53.7099, 7.0642



91.0890, -8.9179, -79.8851

Sweetspot

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



109.6600, 55.8766, -48.8138



215.6400, 19.4045, -17.2243



165.0590, -3.4801, -97.3987



103.7350, 11.9626, -10.2916



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.



109.6600, 55.8766, -48.8138



99.3430, 76.7389, -66.9528



79.2460, 70.8707, -4.6007



104.6020, 3.6472, -3.1590



58.2190, 58.0660, -51.0581



16.0380, 15.7573, -14.0653

Inverse Universe

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



111.5990, 2.1697, 97.6987



102.0580, 2.9294, 134.1301



197.7540, -70.8707, 4.6007



104.7450, 0.1257, 6.3626



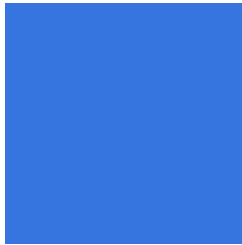
60.0340, 2.4482, 101.7022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 109.6600, 55.8766, -48.8138 looks on a white 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

Black Background



This preview shows how the YUV color 109.6600, 55.8766, -48.8138 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

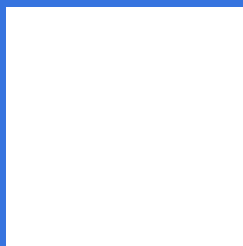
Any Text WCAG AAA × Fail

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

YUV 109.6600, 55.8766, -48.8138 Background



This preview shows how black text looks on a background with the YUV color 109.6600, 55.8766, -48.8138.



This preview shows how white text looks on a background with the YUV color 109.6600, 55.8766, -48.8138.

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

109.6600, 55.8766, -48.8138

Protanopia

111.3510, 54.5500, -43.2808

Deuteranopia

95.3090, 58.0217, -83.5860



Tritanopia

93.5580, 23.3889, -82.0504

Trichromacy



Original Color

109.6600, 55.8766, -48.8138

Protanomaly

110.4540, 54.9922, -45.1252

Deuteranomaly

100.5710, 57.3995, -70.6608

Tritanomaly

99.4360, 35.2811, -69.6654

Monochromacy



Original Color

109.6600, 55.8766, -48.8138

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8680, 20.2781, -17.4242

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6600, 55.8766, -48.8138 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(54, 116, 223)` looks like.

```
.text, #text, p{  
    color:rgb(54, 116, 223)  
}
```

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(54, 116, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 116, 223) }
```

Border

The CSS property to change the border of an element to YUV 109.6600, 55.8766, -48.8138 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(54, 116, 223) }
```


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

```
.border{ border-color:rgb(54, 116, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 116, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 116, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 116, 223);  
box-shadow:4px 4px 4px 4px rgb(54, 116,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 109.6600, 55.8766, -48.8138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 116, 223) }
```

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

```
.background{ background-color: rgb(54, 116,  
223) }
```

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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