

Converting Colors

YUV(109.8760, 51.3331,
-84.9603)

Have a look what the booklet for
YUV(109.8760, 51.3331, -84.9603)
contains.

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Color

**YUV(109.8760, 51.3331,
-84.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	0D8BD6
RGB	13, 139, 214
RGB Percent	5%, 55%, 84%
CMY	0.9490, 0.4549, 0.1608
CMYK	0.94, 0.35, 0.00, 0.16
HSL	202°, 89%, 45%
HSV	202°, 94%, 84%
XYZ	21.5362, 23.4058, 67.0010
YIQ	109.8760, -99.1710, -3.3870

Conversions

Conversions Part 2

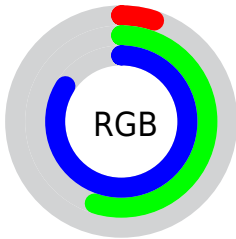
Format	Color
R _Y B	13, 90, 214
Decimal	887766
CIE Lab	55.49, -3.32, -46.86
CIE LCh	55, 46.975, 265.953
Yxy	23.4058, 0.1924, 0.2091
Android (android.graphics.Color)	4279077846 (0xFF0D8BD6)
YUV	109.8760, 51.3331, -84.9603
Hunter-Lab	48.3796, -5.2049, -48.2452

Details

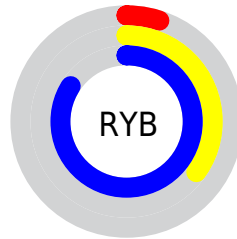
The YUV color **109.8760, 51.3331, -84.9603** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **117.1240, -51.3331, 84.9603**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8700, 40.4901, -60.3990**, and **70.9560, 43.4057, -62.2284** is the 20% darker color. If you saturate the color by 10%, you get **103.0540, 54.6964, -90.3784**, and if you desaturate by 10%, it is **120.8510, 45.9225, -76.1683**.

Distribution



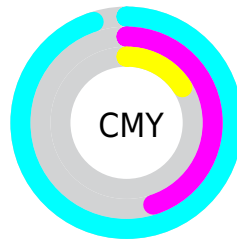
- Red (5%)
- Green (55%)
- Blue (84%)



- Red (5%)
- Yellow (35%)
- Blue (84%)



- Cyan (94%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (95%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.8760, 51.3331, -84.9603 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 109.8760, 51.3331, -84.9603 by changing the saturation by 10% instead.

■ 109.8760, 51.3331,
-84.9603

■ 109.8760, 51.3331,
-84.9603

255.0000, 0.0000,
0.0000

■ 88.1220, 48.2539,
-77.2830

■ 172.8700, 40.4901,
-60.3990

■ 70.9560, 43.4057,
-62.2284

■ 198.8740, 27.6701,
-55.1405

■ 54.3770, 38.2681,
-47.6886

■ 224.5790, 14.9976,
-50.4968

■ 38.6130, 33.7148,
-33.8636

■ 237.9570, 8.4022,
-35.0423

■ 24.0230, 28.5827,
-21.0682

■ 246.9270, 3.9800,
-16.5990

■ 10.1340, 23.5979,
-8.8875

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 109.8760, 51.3331,
-84.9603

■ 109.8760, 51.3331,
-84.9603

■ 103.0540, 54.6964,
-90.3784

■ 120.8510, 45.9225,
-76.1683

■ 132.1250, 40.3644,
-66.7616

■ 143.1000, 34.9537,
-57.9697

■ 154.3740, 29.3956,
-48.5630

■ 165.3490, 23.9849,
-39.7711

■ 176.3240, 18.5743,
-30.9791

■ 187.5980, 13.0162,
-21.5724

■ 198.5730, 7.6055,
-12.7805

■ 209.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



109.6760, 44.5297, -96.1859



109.8760, 51.3331, -84.9603



133.9460, 35.5226, -6.9686

Triad

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



109.8760, 51.3331, -84.9603



131.9930, -15.7725, 65.7811



117.7840, -16.1625, -42.7836

Complementary

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



109.8760, 51.3331, -84.9603



117.1240, -51.3331, 84.9603

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.



125.2160, -34.6165, -3.6974



109.8760, 51.3331, -84.9603



131.5510, -32.3166, 52.1368

Square

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



109.8760, 51.3331, -84.9603



134.4820, 2.7204, 60.9673



129.3340, -40.0977, 27.7711



104.1750, 10.7597, -91.3615

Rectangle

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



109.8760, 51.3331, -84.9603



136.7280, 26.2631, 23.0405



129.3340, -40.0977, 27.7711



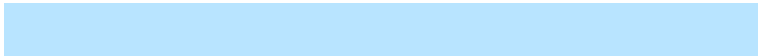
121.0370, -23.1892, -28.9734

Sweetspot

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



109.8760, 51.3331, -84.9603



217.9220, 18.2795, -29.7496



139.4230, -25.8445, -110.8730



104.8650, 11.4056, -18.2986



0.0000, 0.0000, 0.0000



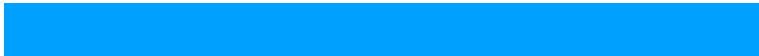
128.0000, 0.0000, 0.0000

Same Dimension

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



109.8760, 51.3331, -84.9603



122.9900, 65.0809, -107.8622



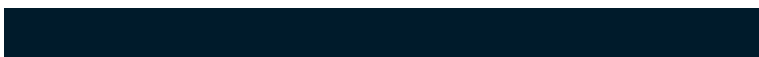
51.7630, 79.9828, -33.9952



101.3630, 2.7790, -4.7034



82.3030, 43.7276, -72.1797



20.7510, 10.9688, -18.1986

Inverse Universe

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



87.4630, 25.4077, 110.9729



94.4850, 32.2989, 140.7717



175.2370, -79.9828, 33.9952



100.0870, 1.4361, 6.0627



63.3270, 21.5308, 94.4292



15.9350, 5.4550, 23.7360

Previews

White Background



This preview shows how the YUV color 109.8760, 51.3331, -84.9603 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 109.8760, 51.3331, -84.9603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

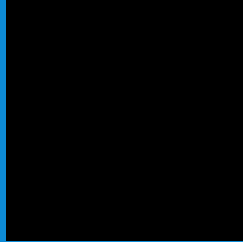
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.8760, 51.3331, -84.9603

Background



This preview shows how black text looks on a background with the YUV color 109.8760, 51.3331, -84.9603.

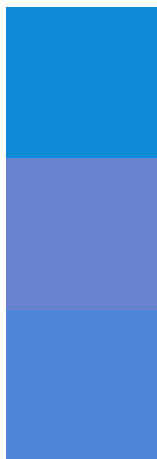


This preview shows how white text looks on a background with the YUV color 109.8760, 51.3331, -84.9603.

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

109.8760, 51.3331, -84.9603

Protanopia

130.8900, 37.0292, -23.5825

Deuteranopia

126.9140, 43.9194, -40.2666



Tritanopia

104.1870, 26.0368, -91.3720

Trichromacy



Original Color

109.8760, 51.3331, -84.9603

Protanomaly

123.1260, 42.3359, -45.7145

Deuteranomaly

120.4990, 46.5890, -56.5656

Tritanomaly

106.3150, 35.3407, -88.8533

Monochromacy



Original Color

109.8760, 51.3331, -84.9603

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.3240, 18.5743, -30.9791

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8760, 51.3331, -84.9603 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(13, 139, 214)` looks like.

```
.text, #text, p{  
    color:rgb(13, 139, 214)  
}
```

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(13, 139, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 139, 214) }
```

Border

The CSS property to change the border of an element to YUV 109.8760, 51.3331, -84.9603 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(13, 139, 214) }
```


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

```
.border{ border-color:rgb(13, 139, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 139, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 139, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 139, 214);  
box-shadow:4px 4px 4px 4px rgb(13, 139,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 109.8760, 51.3331, -84.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 139, 214) }
```

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

```
.background{ background-color: rgb(13, 139,  
214) }
```

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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