

Converting Colors

YUV(124.5290, 44.1092,
-101.3189)

Have a look what the booklet for
YUV(124.5290, 44.1092, -101.3189)
contains.

YUV(124.5290, 44.1092, -101.3189)	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(124.5290, 44.1092,
-101.3189)**

Conversions

Conversions Part 1

Format	Color
Hex	09A6D6
RGB	9, 166, 214
RGB Percent	4%, 65%, 84%
CMY	0.9647, 0.3490, 0.1608
CMYK	0.96, 0.22, 0.00, 0.16
HSL	194°, 92%, 44%
HSV	194°, 96%, 84%
XYZ	25.8865, 32.1856, 68.4664
YIQ	124.5290, -108.9800, -18.3560

Conversions

Conversions Part 2

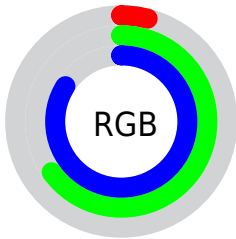
Format	Color
R _Y B	9, 98, 214
Decimal	632534
CIE Lab	63.50, -18.55, -34.28
CIE LCh	63, 38.981, 241.578
Yxy	32.1856, 0.2046, 0.2544
Android (android.graphics.Color)	4278822614 (0xFF09A6D6)
YUV	124.5290, 44.1092, -101.3189
Hunter-Lab	56.7323, -17.8335, -31.8405

Details

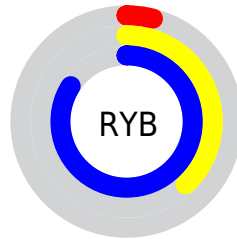
The YUV color **124.5290, 44.1092, -101.3189** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **98.4710, -44.1092, 101.3189**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1920, 31.9503, -74.7134**, and **85.0440, 36.4603, -74.5836** is the 20% darker color. If you saturate the color by 10%, you get **120.6640, 46.0146, -105.8223**, and if you desaturate by 10%, it is **133.7430, 39.5667, -90.9826**.

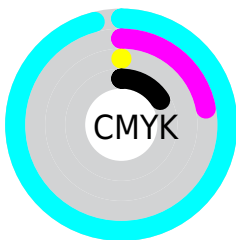
Distribution



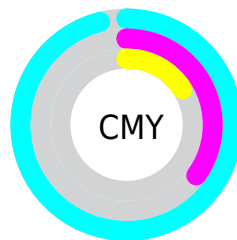
- Red (4%)
- Green (65%)
- Blue (84%)



- Red (4%)
- Yellow (38%)
- Blue (84%)



- Cyan (96%)
- Magenta (22%)
- Yellow (0%)
- Black (16%)



- Cyan (96%)
- Magenta (35%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.5290, 44.1092, -101.3189 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 124.5290, 44.1092, -101.3189 by changing the saturation by 10% instead.

■ 124.5290, 44.1092,
-101.3189

■ 124.5290, 44.1092,
-101.3189

■ 255.0000, 0.0000,
0.0000

■ 103.3840, 40.7297,
-90.6678

■ 190.1920, 31.9503,
-74.7134

■ 85.0440, 36.4603,
-74.5836

■ 216.7830, 18.8410,
-69.9697

■ 67.4050, 32.3383,
-59.1142

■ 228.9870, 12.8244,
-53.4856

■ 50.9400, 27.6376,
-44.6744

■ 238.2560, 8.2548,
-34.4275

■ 35.2900, 23.5210,
-30.9493

■ 247.5250, 3.6852,
-15.3694

■ 20.8140, 18.8257,
-18.2539

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 124.5290, 44.1092,
-101.3189

■ 124.5290, 44.1092,
-101.3189

■ 120.6640, 46.0146,
-105.8223

■ 133.7430, 39.5667,
-90.9826

■ 143.2560, 34.8768,
-80.0315

■ 152.4700, 30.3343,
-69.6952

■ 161.9830, 25.6444,
-58.7441

■ 171.1970, 21.1019,
-48.4078

■ 180.4110, 16.5594,
-38.0714

■ 189.9240, 11.8695,
-27.1203

■ 199.1380, 7.3270,
-16.7840

■ 208.6510, 2.6371,
-5.8329

Harmonies

Analogous

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



121.9230, 33.0690, -106.9265



124.5290, 44.1092, -101.3189



148.3780, 36.7886, -39.7965

Triad

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



124.5290, 44.1092, -101.3189



156.5860, -1.7679, 53.8601



146.9580, -26.6013, -7.8562

Complementary

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



124.5290, 44.1092, -101.3189



98.4710, -44.1092, 101.3189

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.



150.7120, -33.3820, 20.4236



124.5290, 44.1092, -101.3189



155.3570, -17.9240, 55.8149

Square

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



124.5290, 44.1092, -101.3189



158.3030, 14.1476, 35.6913



153.1800, -29.6687, 42.8151



141.2880, -10.4950, -40.5946

Rectangle

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



124.5290, 44.1092, -101.3189



154.4850, 31.3129, -10.0723



153.1800, -29.6687, 42.8151



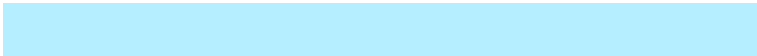
148.5140, -29.8334, 2.1802

Sweetspot

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



124.5290, 44.1092, -101.3189



222.8950, 15.8278, -36.7419



134.8070, -38.3589, -110.3327



108.0880, 9.8166, -22.0022



0.0000, 0.0000, 0.0000



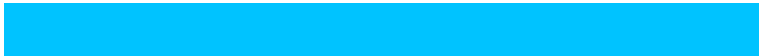
128.0000, 0.0000, 0.0000

Same Dimension

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



124.5290, 44.1092, -101.3189



143.5350, 54.9522, -125.8802



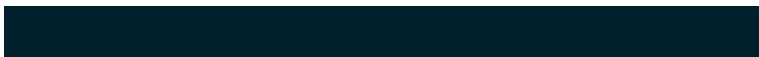
64.6550, 73.6271, -48.8094



102.5370, 2.2003, -5.7329



96.3910, 36.7822, -84.5349



24.2730, 9.2324, -21.2874

Inverse Universe

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



88.1930, 38.3589, 110.3327



98.4750, 47.5868, 137.2724



158.3450, -73.6271, 48.8094



100.3150, 2.3097, 5.8627



66.0630, 32.0139, 92.0297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 124.5290, 44.1092, -101.3189 looks on a white background.

Color Contrast Check

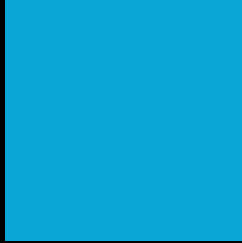
Large Text (above 18pt) WCAG AA × Fail

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 124.5290, 44.1092, -101.3189 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 ✓ Pass

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

YUV 124.5290, 44.1092, -101.3189 Background



This preview shows how black text looks on a background with the YUV color 124.5290, 44.1092, -101.3189.

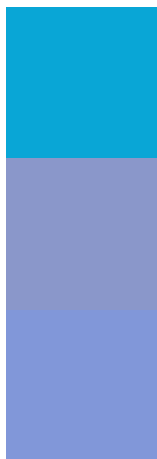


This preview shows how white text looks on a background with the YUV color 124.5290, 44.1092, -101.3189.

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

124.5290, 44.1092, -101.3189

Protanopia

152.9270, 24.1930, -13.0910

Deuteranopia

151.9460, 32.0716, -20.1236



Tritanopia

120.6520, 30.7376, -105.8118

Trichromacy



Original Color

124.5290, 44.1092, -101.3189

Protanomaly

142.2650, 31.4214, -44.9594

Deuteranomaly

141.6110, 36.6738, -49.6478

Tritanomaly

122.2160, 35.3895, -104.5524

Monochromacy



Original Color

124.5290, 44.1092, -101.3189

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8950, 15.8278, -36.7419

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.5290, 44.1092, -101.3189 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(9, 166, 214)` looks like.

```
.text, #text, p{  
    color:rgb(9, 166, 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(9, 166, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 166, 214) }
```

Border

The CSS property to change the border of an element to YUV 124.5290, 44.1092, -101.3189 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(9, 166, 214) }
```


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

```
.border{ border-color:rgb(9, 166, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 166, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 166, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 166, 214);  
box-shadow:4px 4px 4px 4px rgb(9, 166,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 124.5290, 44.1092, -101.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 166, 214) }
```

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

```
.background{ background-color: rgb(9, 166,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor