

Converting Colors

YUV(114.3380, 47.1614,
-100.2744)

Have a look what the booklet for
YUV(114.3380, 47.1614, -100.2744)
contains.

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Color

**YUV(114.3380, 47.1614,
-100.2744)**

Conversions

Conversions Part 1

Format	Color
Hex	009AD2
RGB	0, 154, 210
RGB Percent	0%, 60%, 82%
CMY	1.0000, 0.3961, 0.1765
CMYK	1.00, 0.27, 0.00, 0.18
HSL	196°, 100%, 41%
HSV	196°, 100%, 82%
XYZ	23.1885, 27.7643, 65.1097
YIQ	114.3380, -109.7600, -15.2320

Conversions

Conversions Part 2

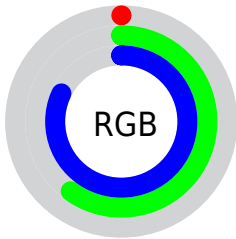
Format	Color
RYB	0, 89, 210
Decimal	39634
CIELab	59.68, -13.76, -38.02
CIELCh	60, 40.436, 250.105
Yxy	27.7643, 0.1998, 0.2392
Android (android.graphics.Color)	4278229714 (0xFF009AD2)
YUV	114.3380, 47.1614, -100.2744
Hunter-Lab	52.6919, -13.6571, -36.3784

Details

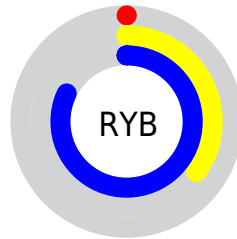
The YUV color **114.3380, 47.1614, -100.2744** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **95.6620, -47.1614, 100.2744**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3650, 36.3021, -70.4801**, and **78.1310, 37.8964, -68.5209** is the 20% darker color. If you saturate the color by 10%, you get **114.3380, 47.1614, -100.2744**, and if you desaturate by 10%, it is **124.1390, 42.3295, -90.4529**.

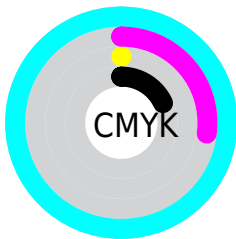
Distribution



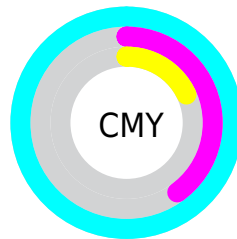
- Red (0%)
- Green (60%)
- Blue (82%)



- Red (0%)
- Yellow (35%)
- Blue (82%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3380, 47.1614, -100.2744 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 114.3380, 47.1614, -100.2744 by changing the saturation by 10% instead.

■ 114.3380, 47.1614,
-100.2744

■ 114.3380, 47.1614,
-100.2744

■ 255.0000, 0.0000,
0.0000

■ 95.8840, 42.4552,
-84.0903

■ 181.3650, 36.3021,
-70.4801

■ 78.1310, 37.8964,
-68.5209

■ 208.2550, 23.0453,
-65.1216

■ 61.0790, 33.4851,
-53.5663

■ 228.0900, 13.2666,
-55.3299

■ 44.7280, 29.2211,
-39.2265

■ 237.3590, 8.6970,
-36.2718

■ 29.5510, 24.3784,
-25.9162

■ 246.3290, 4.2748,
-17.8285

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 114.3380, 47.1614,
-100.2744

■ 124.1390, 42.3295,
-90.4529

■ 133.3530, 37.7870,
-80.1166

■ 143.1540, 32.9551,
-70.2951

■ 152.3680, 28.4126,
-59.9587

■ 162.1690, 23.5807,
-50.1372

■ 171.9700, 18.7488,
-40.3157

■ 181.1840, 14.2063,
-29.9794

■ 190.9850, 9.3744,
-20.1578

■ 200.1990, 4.8319,
-9.8215

Harmonies

Analogous

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



115.4660, 36.2523, -101.2637



114.3380, 47.1614, -100.2744



140.6290, 36.1719, -28.6156

Triad

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



114.3380, 47.1614, -100.2744



145.7560, -6.2887, 57.2190



135.4020, -23.3692, -17.8926

Complementary

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



114.3380, 47.1614, -100.2744



95.6620, -47.1614, 100.2744

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.



139.9560, -33.5023, 12.3166



114.3380, 47.1614, -100.2744



144.0210, -21.7024, 54.3556

Square

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



114.3380, 47.1614, -100.2744



147.4350, 10.6315, 43.4685



142.1640, -32.1259, 37.5672



127.1060, -4.4893, -53.5900

Rectangle

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



114.3380, 47.1614, -100.2744



145.9810, 29.0964, 0.8937



142.1640, -32.1259, 37.5672



136.9150, -28.0591, -6.9415

Sweetspot

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



114.3380, 47.1614, -100.2744



220.5360, 16.9908, -36.4271



129.6540, -36.3114, -113.7066



106.6150, 10.5428, -21.5874



0.0000, 0.0000, 0.0000



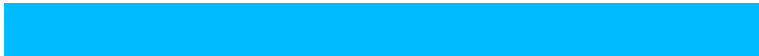
128.0000, 0.0000, 0.0000

Same Dimension

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



114.3380, 47.1614, -100.2744



138.8390, 57.2674, -121.7618



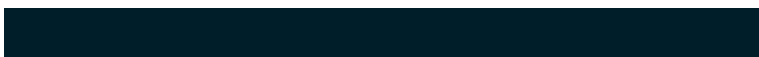
52.7030, 77.5474, -46.2205



99.9500, 2.4897, -5.2181



91.3530, 37.7870, -80.1166



22.2840, 9.2270, -19.5431

Inverse Universe

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



80.3460, 36.3114, 113.7066



97.5630, 44.0924, 138.0722



157.2970, -77.5474, 46.2205



98.2010, 1.8729, 5.9627



64.2540, 28.9618, 90.9852



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 114.3380, 47.1614, -100.2744 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 114.3380, 47.1614, -100.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

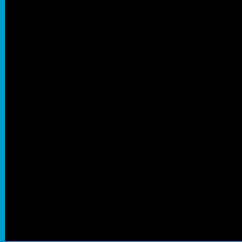
Any Text WCAG AA ✓ Pass

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 114.3380, 47.1614, -100.2744 Background



This preview shows how black text looks on a background with the YUV color 114.3380, 47.1614, -100.2744.



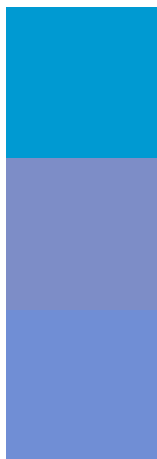
This preview shows how white text looks on a background with the YUV color 114.3380, 47.1614, -100.2744.

-100.2744.

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

114.3380, 47.1614, -100.2744

Protanopia

142.8280, 27.6928, -15.6352

Deuteranopia

141.1240, 35.4349, -25.5417



Tritanopia

112.8270, 28.6793, -98.9493

Trichromacy



Original Color

114.3380, 47.1614, -100.2744

Protanomaly

132.7640, 34.6263, -46.2740

Deuteranomaly

131.0990, 39.8842, -52.7068

Tritanomaly

113.2490, 35.3732, -99.3194

Monochromacy



Original Color

114.3380, 47.1614, -100.2744

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.5360, 16.9908, -36.4271

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3380, 47.1614, -100.2744 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(0, 154, 210)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 210)  
}
```

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(0, 154, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 210) }
```

Border

The CSS property to change the border of an element to YUV 114.3380, 47.1614, -100.2744 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(0, 154, 210) }
```


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

```
.border{ border-color:rgb(0, 154, 210) }
```

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

Here you see how a box with a 4 pixel rgb(0, 154, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 210);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 114.3380, 47.1614, -100.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 210) }
```

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

```
.background{ background-color: rgb(0, 154,  
210) }
```

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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