

Converting Colors

YUV(94.2420, 29.4607,
-69.4952)

Have a look what the booklet for
YUV(94.2420, 29.4607, -69.4952)
contains.

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Color

**YUV(94.2420, 29.4607,
-69.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	0F7B9A
RGB	15, 123, 154
RGB Percent	6%, 48%, 60%
CMY	0.9412, 0.5176, 0.3961
CMYK	0.90, 0.20, 0.00, 0.40
HSL	193°, 82%, 33%
HSV	193°, 90%, 60%
XYZ	13.1127, 16.6006, 33.0850
YIQ	94.2420, -74.3190, -13.2550

Conversions

Conversions Part 2

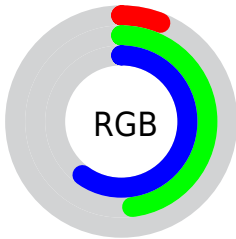
Format	Color
RYB	15, 76, 154
Decimal	1014682
CIELab	47.75, -16.44, -24.54
CIELCh	48, 29.537, 236.182
Yxy	16.6006, 0.2088, 0.2643
Android (android.graphics.Color)	4279204762 (0xFF0F7B9A)
YUV	94.2420, 29.4607, -69.4952
Hunter-Lab	40.7438, -13.8545, -19.6243

Details

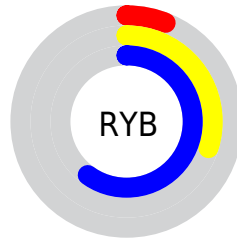
The YUV color **94.2420, 29.4607, -69.4952** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **74.7580, -29.4607, 69.4952**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0480, 27.0913, -56.1701**, and **55.1800, 23.5753, -48.3929** is the 20% darker color. If you saturate the color by 10%, you get **87.9960, 32.5400, -77.1725**, and if you desaturate by 10%, it is **100.4880, 26.3814, -61.8180**.

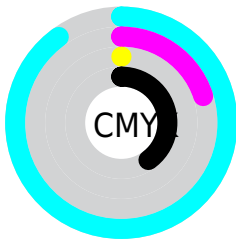
Distribution



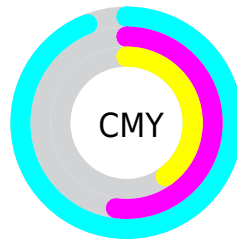
- Red (6%)
- Green (48%)
- Blue (60%)



- Red (6%)
- Yellow (30%)
- Blue (60%)



- Cyan (90%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (94%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.2420, 29.4607, -69.4952 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 94.2420, 29.4607, -69.4952 by changing the saturation by 10% instead.

■ 94.2420, 29.4607,
-69.4952

■ 94.2420, 29.4607,
-69.4952

■ 255.0000, 0.0000,
0.0000

■ 72.1180, 27.5498,
-63.2475

■ 154.0480, 27.0913,
-56.1701

■ 55.1800, 23.5753,
-48.3929

■ 181.7600, 27.2333,
-55.0405

■ 38.9430, 19.7481,
-34.1530

■ 209.2180, 22.5705,
-52.8112

■ 24.5810, 15.4896,
-21.5575

■ 231.9770, 11.3503,
-47.3378

■ 5.0500, 14.2723,
-4.4289

■ 240.6480, 7.0755,
-29.5093

■ 0.9120, 3.4944,
-0.7998

■ 249.6180, 2.6533,

■ 0.0000, 0.0000,

-11.0660

0.0000

■ 94.2420, 29.4607,
-69.4952

■ 94.2420, 29.4607,
-69.4952

■ 87.9960, 32.5400,
-77.1725

■ 100.4880, 26.3814,
-61.8180

■ 107.6200, 22.8653,
-54.0407

■ 113.8660, 19.7861,
-46.3635

■ 120.9980, 16.2700,
-38.5862

■ 127.2440, 13.1907,
-30.9090

■ 134.0770, 9.8220,
-23.7465

■ 140.6220, 6.5954,
-15.4545

■ 146.8680, 3.5161,
-7.7772

■ 154.0000, 0.0000,
0.0000

Harmonies

Analogous

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



89.2380, 22.0677, -78.2617



94.2420, 29.4607, -69.4952



108.1910, 27.0208, -33.4935

Triad

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



94.2420, 29.4607, -69.4952



115.8720, 1.0491, 36.9463



109.0110, -20.2184, -1.7636

Complementary

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



94.2420, 29.4607, -69.4952



74.7580, -29.4607, 69.4952

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.



111.8070, -24.0619, 17.7093



94.2420, 29.4607, -69.4952



114.5060, -10.6025, 40.7752

Square

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



94.2420, 29.4607, -69.4952



116.6450, 12.0070, 22.2363



113.3450, -19.8901, 33.0234



105.8000, -10.2544, -24.3806

Rectangle

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



94.2420, 29.4607, -69.4952



113.1120, 23.6088, -12.3762



113.3450, -19.8901, 33.0234



110.1860, -22.2767, 5.0989

Sweetspot

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



94.2420, 29.4607, -69.4952



177.8100, 11.4327, -27.0204



100.0130, -27.1214, -74.5564



88.0240, 6.8902, -16.6840



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



94.2420, 29.4607, -69.4952



115.0730, 42.3620, -100.9190



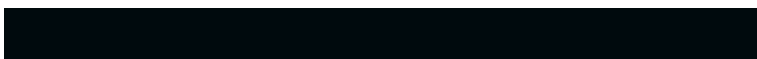
53.7390, 49.4287, -33.9741



73.4340, 1.7580, -3.8886



79.9430, 29.6081, -70.1100



7.3520, 2.7845, -6.4477

Inverse Universe

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



68.8730, 26.6846, 74.6564



77.9970, 38.9485, 107.8736



115.2610, -49.4287, 33.9741



72.0760, 1.4415, 4.3183



54.2860, 26.9740, 75.1712



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 94.2420, 29.4607, -69.4952 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 94.2420, 29.4607, -69.4952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

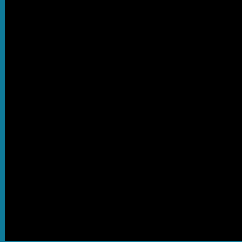
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.2420, 29.4607, -69.4952

Background



This preview shows how black text looks on a background with the YUV color 94.2420, 29.4607, -69.4952.

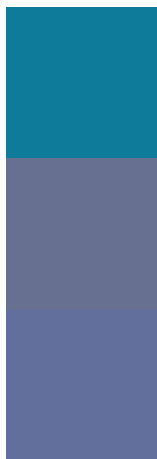


This preview shows how white text looks on a background with the YUV color 94.2420, 29.4607,

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

94.2420, 29.4607, -69.4952

Protanopia

113.3700, 15.5936, -8.2175

Deuteranopia

112.3570, 22.0090, -12.5911



Tritanopia

88.7650, 22.7939, -77.8469

Trichromacy



Original Color

94.2420, 29.4607, -69.4952

Protanomaly

106.4920, 20.4634, -30.2495

Deuteranomaly

105.6210, 24.8368, -32.9936

Tritanomaly

90.4710, 25.4038, -74.9581

Monochromacy



Original Color

94.2420, 29.4607, -69.4952

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2940, 10.7011, -25.6908

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.2420, 29.4607, -69.4952 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(15, 123, 154)` looks like.

```
.text, #text, p{  
    color:rgb(15, 123, 154)  
}
```

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(15, 123, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 123, 154) }
```

Border

The CSS property to change the border of an element to YUV 94.2420, 29.4607, -69.4952 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(15, 123, 154) }
```


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

```
.border{ border-color:rgb(15, 123, 154) }
```

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

Here you see how a box with a 4 pixel rgb(15, 123, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 123, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 123, 154);  
box-shadow:4px 4px 4px 4px rgb(15, 123,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 94.2420, 29.4607, -69.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 123, 154) }
```

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

```
.background{ background-color: rgb(15, 123,  
154) }
```

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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