

Converting Colors

YUV(93.9440, 24.6776,
-75.3729)

Have a look what the booklet for
YUV(93.9440, 24.6776, -75.3729)
contains.

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Color

**YUV(93.9440, 24.6776,
-75.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	088090
RGB	8, 128, 144
RGB Percent	3%, 50%, 56%
CMY	0.9686, 0.4980, 0.4353
CMYK	0.94, 0.11, 0.00, 0.44
HSL	187°, 89%, 30%
HSV	187°, 94%, 56%
XYZ	12.8534, 17.5036, 29.0866
YIQ	93.9440, -76.6560, -20.4640

Conversions

Conversions Part 2

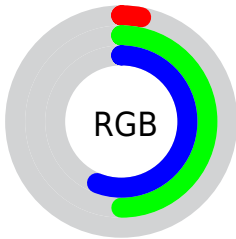
Format	Color
RYB	8, 72, 144
Decimal	557200
CIELab	48.89, -23.05, -16.93
CIELCh	49, 28.599, 216.300
Yxy	17.5036, 0.2162, 0.2945
Android (android.graphics.Color)	4278747280 (0xFF088090)
YUV	93.9440, 24.6776, -75.3729
Hunter-Lab	41.8373, -18.3760, -11.9342

Details

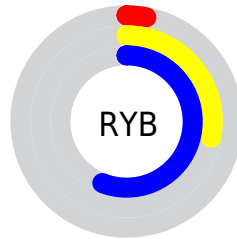
The YUV color **93.9440, 24.6776, -75.3729** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **58.0560, -24.6776, 75.3729**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8320, 21.2818, -59.4887**, and **56.5020, 18.4865, -49.5523** is the 20% darker color. If you saturate the color by 10%, you get **90.9650, 26.1463, -79.7763**, and if you desaturate by 10%, it is **99.3040, 22.0351, -67.7956**.

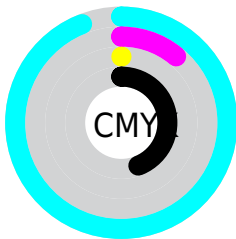
Distribution



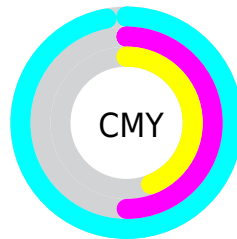
- Red (3%)
- Green (50%)
- Blue (56%)



- Red (3%)
- Yellow (28%)
- Blue (56%)



- Cyan (94%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (97%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9440, 24.6776, -75.3729 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 93.9440, 24.6776, -75.3729 by changing the saturation by 10% instead.

93.9440, 24.6776,
-75.3729

93.9440, 24.6776,
-75.3729

255.0000, 0.0000,
0.0000

73.9130, 21.7349,
-64.8217

154.8320, 21.2818,
-59.4887

56.5020, 18.4865,
-49.5523

183.1310, 21.1344,
-58.8739

40.2650, 14.6594,
-35.3124

211.4300, 20.9870,
-58.2591

25.4300, 11.1270,
-22.3021

230.7810, 11.9400,
-49.7969

3.6650, 11.5042,
-3.2142

239.7510, 7.5178,
-31.3536

0.0000, 0.0000,
0.0000

248.4220, 3.2430,

-13.5251

■ 93.9440, 24.6776,
-75.3729

■ 93.9440, 24.6776,
-75.3729

■ 90.9650, 26.1463,
-79.7763

■ 99.3040, 22.0351,
-67.7956

■ 104.3760, 19.5346,
-59.0888

■ 109.7360, 16.8922,
-51.5115

■ 115.3950, 14.1023,
-43.3194

■ 120.1680, 11.7492,
-35.2273

■ 125.5280, 9.1067,
-27.6501

■ 131.1870, 6.3168,
-19.4580

■ 136.5470, 3.6743,
-11.8807

■ 141.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



100.5800, 10.0671, -55.7597



93.9440, 24.6776, -75.3729



104.7820, 27.2225, -51.5518

Triad

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



93.9440, 24.6776, -75.3729



119.3530, 8.2070, 27.7544



113.7030, -23.0246, 11.6615

Complementary

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



93.9440, 24.6776, -75.3729



58.0560, -24.6776, 75.3729

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.



115.8560, -21.6210, 28.1903



93.9440, 24.6776, -75.3729



118.4440, -3.1769, 39.0756

Square

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



93.9440, 24.6776, -75.3729



118.7400, 17.8762, 6.3670



116.9850, -13.7966, 38.6012



111.0640, -17.2866, -8.8261

Rectangle

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



93.9440, 24.6776, -75.3729



111.2730, 25.9944, -30.9344



116.9850, -13.7966, 38.6012



115.0350, -23.1883, 17.5093

Sweetspot

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



93.9440, 24.6776, -75.3729



166.9300, 9.4015, -28.8796



89.6560, -32.3684, -71.6123



82.6710, 5.5852, -18.1285



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



93.9440, 24.6776, -75.3729



117.4720, 33.7843, -103.0229



54.0280, 44.3562, -40.3666



68.9070, 1.0318, -4.3034



85.2430, 24.5302, -74.7581



5.0210, 1.4686, -4.4034

Inverse Universe

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



62.3440, 32.3684, 71.6123



74.3100, 44.2172, 97.9521



97.9720, -44.3562, 40.3666



66.8910, 2.0257, 3.6036



53.9310, 32.0790, 71.0975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 93.9440, 24.6776, -75.3729 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 93.9440, 24.6776, -75.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

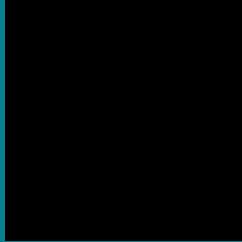
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 93.9440, 24.6776, -75.3729

Background



This preview shows how black text looks on a background with the YUV color 93.9440, 24.6776, -75.3729.



This preview shows how white text looks on a background with the YUV color 93.9440, 24.6776,

-75.3729.

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

93.9440, 24.6776, -75.3729

Protanopia

116.3830, 9.1782, -3.8439

Deuteranopia

116.5660, 15.0040, -5.7584



Tritanopia

91.5690, 23.3835, -80.3060

Trichromacy



Original Color

93.9440, 24.6776, -75.3729

Protanomaly

108.2980, 14.6431, -30.0793

Deuteranomaly

108.3240, 18.5743, -30.9791

Tritanomaly

92.6940, 23.8149, -78.6616

Monochromacy



Original Color

93.9440, 24.6776, -75.3729

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8270, 8.9593, -27.0353

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9440, 24.6776, -75.3729 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(8, 128, 144)` looks like.

```
.text, #text, p{  
    color:rgb(8, 128, 144)  
}
```

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(8, 128, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 128, 144) }
```

Border

The CSS property to change the border of an element to YUV 93.9440, 24.6776, -75.3729 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(8, 128, 144) }
```


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

```
.border{ border-color:rgb(8, 128, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 128, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 128, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 128, 144);  
box-shadow:4px 4px 4px 4px rgb(8, 128,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 93.9440, 24.6776, -75.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 128, 144) }
```

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

```
.background{ background-color: rgb(8, 128,  
144) }
```

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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