

Converting Colors

YUV(94.0260, 40.4132,
-82.4608)

Have a look what the booklet for
YUV(94.0260, 40.4132, -82.4608)
contains.

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Color

**YUV(94.0260, 40.4132,
-82.4608)**

Conversions

Conversions Part 1

Format	Color
Hex	007EB0
RGB	0, 126, 176
RGB Percent	0%, 49%, 69%
CMY	1.0000, 0.5059, 0.3098
CMYK	1.00, 0.28, 0.00, 0.31
HSL	197°, 100%, 35%
HSV	197°, 100%, 69%
XYZ	15.2973, 18.0563, 43.7533
YIQ	94.0260, -91.1460, -11.1620

Conversions

Conversions Part 2

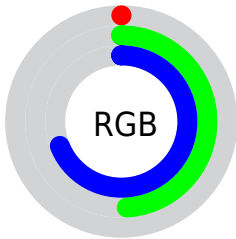
Format	Color
RYB	0, 73, 176
Decimal	32432
CIELab	49.56, -10.63, -34.54
CIELCh	50, 36.143, 252.896
Yxy	18.0563, 0.1984, 0.2342
Android (android.graphics.Color)	4278222512 (0xFF007EB0)
YUV	94.0260, 40.4132, -82.4608
Hunter-Lab	42.4927, -10.1024, -31.3040

Details

The YUV color **94.0260, 40.4132, -82.4608** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **81.9740, -40.4132, 82.4608**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7300, 36.1221, -59.3992**, and **59.2210, 31.4430, -51.9368** is the 20% darker color. If you saturate the color by 10%, you get **94.0260, 40.4132, -82.4608**, and if you desaturate by 10%, it is **102.3430, 36.3129, -73.9688**.

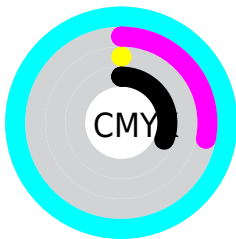
Distribution



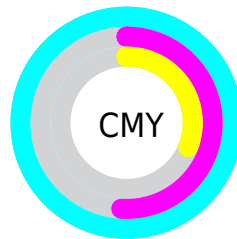
- Red (0%)
- Green (49%)
- Blue (69%)



- Red (0%)
- Yellow (29%)
- Blue (69%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.0260, 40.4132, -82.4608 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 94.0260, 40.4132, -82.4608 by changing the saturation by 10% instead.

■ 94.0260, 40.4132,
-82.4608

■ 94.0260, 40.4132,
-82.4608

■ 255.0000, 0.0000,
0.0000

■ 76.2730, 35.8544,
-66.8914

■ 158.7300, 36.1221,
-59.3992

■ 59.2210, 31.4430,
-51.9368

■ 186.4700, 33.7853,
-56.5402

■ 43.4570, 26.8897,
-38.1118

■ 211.8760, 21.2601,
-52.5113

■ 27.8070, 22.7731,
-24.3867

■ 233.1730, 10.7607,
-44.8787

■ 8.1620, 21.1191,
-7.1581

■ 242.1430, 6.3385,
-26.4354

■ 4.4800, 12.0884,
-3.9290

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 94.0260, 40.4132,
-82.4608

■ 102.3430, 36.3129,
-73.9688

■ 110.3610, 32.3600,
-66.0916

■ 118.6780, 28.2597,
-57.5996

■ 126.6960, 24.3069,
-49.7224

■ 135.0130, 20.2066,
-41.2304

■ 143.3300, 16.1063,
-32.7384

■ 151.3480, 12.1534,
-24.8612

■ 159.6650, 8.0532,
-16.3692

■ 167.6830, 4.1003,
-8.4920

Harmonies

Analogous

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



95.6100, 31.2513, -83.8500



94.0260, 40.4132, -82.4608



115.8920, 30.6192, -20.9533

Triad

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



94.0260, 40.4132, -82.4608



119.2990, -6.5564, 49.7268



110.1400, -19.2960, -17.6628

Complementary

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



94.0260, 40.4132, -82.4608



81.9740, -40.4132, 82.4608

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.



113.9000, -28.5447, 8.8577



94.0260, 40.4132, -82.4608



117.7210, -20.0755, 45.8487

Square

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



94.0260, 40.4132, -82.4608



121.0170, 7.8796, 39.4501



116.4450, -28.3204, 30.3047



101.9260, -1.4425, -50.8011

Rectangle

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



94.0260, 40.4132, -82.4608



120.3250, 23.9968, 3.2230



116.4450, -28.3204, 30.3047



111.8700, -23.1069, -8.6560

Sweetspot

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



94.0260, 40.4132, -82.4608



197.6290, 15.9589, -32.1236



109.0120, -29.0929, -95.6035



95.3980, 9.6638, -19.6430



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



94.0260, 40.4132, -82.4608



122.4880, 53.0034, -107.4220



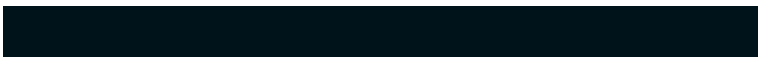
42.3700, 65.8796, -37.1585



85.1350, 1.9054, -4.5034



82.0120, 34.9971, -71.9245



13.5300, 6.1477, -11.8658

Inverse Universe

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



66.9880, 29.0929, 95.6035



87.4660, 37.7313, 125.0023



133.6300, -65.8796, 37.1585



83.4890, 1.7309, 4.8331



58.2870, 25.4945, 83.0633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 94.0260, 40.4132, -82.4608 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 94.0260, 40.4132, -82.4608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

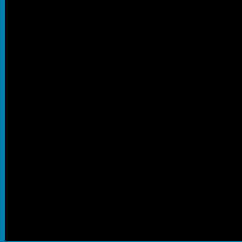
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.0260, 40.4132, -82.4608

Background



This preview shows how black text looks on a background with the YUV color 94.0260, 40.4132, -82.4608.

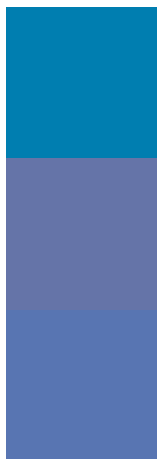


This preview shows how white text looks on a background with the YUV color 94.0260, 40.4132,

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

94.0260, 40.4132, -82.4608

Protanopia

117.4430, 24.9246, -14.4205

Deuteranopia

115.2830, 30.9195, -23.9272



Tritanopia

92.8570, 23.2415, -81.4356

Trichromacy



Original Color

94.0260, 40.4132, -82.4608

Protanomaly

109.0700, 30.5315, -39.5264

Deuteranomaly

107.3620, 34.3315, -45.0445

Tritanomaly

93.1650, 29.4987, -81.7057

Monochromacy



Original Color

94.0260, 40.4132, -82.4608

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2980, 14.6431, -30.0793

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0260, 40.4132, -82.4608 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, 126, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 176)  
}
```

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, 126, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 176) }
```

Border

The CSS property to change the border of an element to YUV 94.0260, 40.4132, -82.4608 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, 126, 176) }
```


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

```
.border{ border-color:rgb(0, 126, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 94.0260, 40.4132, -82.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 176) }
```

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

```
.background{ background-color: rgb(0, 126,  
176) }
```

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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