

Converting Colors

YUV(93.1600, 47.2491,
-81.7013)

Have a look what the booklet for
YUV(93.1600, 47.2491, -81.7013)
contains.

YUV(93.1600, 47.2491, -81.7013)	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(93.1600, 47.2491,
-81.7013)**

Conversions

Conversions Part 1

Format	Color
Hex	007ABD
RGB	0, 122, 189
RGB Percent	0%, 48%, 74%
CMY	1.0000, 0.5216, 0.2588
CMYK	1.00, 0.35, 0.00, 0.26
HSL	201°, 100%, 37%
HSV	201°, 100%, 74%
XYZ	16.1448, 17.5932, 50.6890
YIQ	93.1600, -94.2190, -5.0270

Conversions

Conversions Part 2

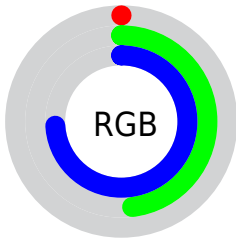
Format	Color
RYB	0, 74, 189
Decimal	31421
CIELab	49.00, -3.26, -42.94
CIELCh	49, 43.062, 265.658
Yxy	17.5932, 0.1912, 0.2084
Android (android.graphics.Color)	4278221501 (0xFF007ABD)
YUV	93.1600, 47.2491, -81.7013
Hunter-Lab	41.9442, -4.6956, -42.2902

Details

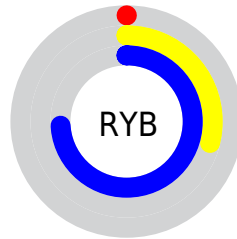
The YUV color **93.1600, 47.2491, -81.7013** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **95.8400, -47.2491, 81.7013**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5870, 43.0946, -55.7658**, and **58.8280, 37.5528, -51.5922** is the 20% darker color. If you saturate the color by 10%, you get **93.1600, 47.2491, -81.7013**, and if you desaturate by 10%, it is **102.9500, 42.4227, -73.6241**.

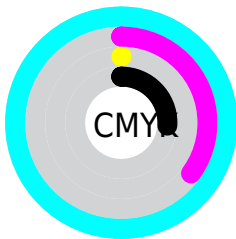
Distribution



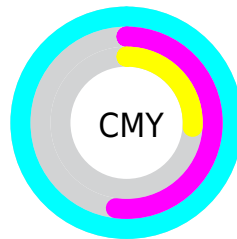
- Red (0%)
- Green (48%)
- Blue (74%)



- Red (0%)
- Yellow (29%)
- Blue (74%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (52%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1600, 47.2491, -81.7013 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 93.1600, 47.2491, -81.7013 by changing the saturation by 10% instead.

■ 93.1600, 47.2491,
-81.7013

■ 93.1600, 47.2491,
-81.7013

■ 255.0000, 0.0000,
0.0000

■ 75.4070, 42.6903,
-66.1319

■ 158.5870, 43.0946,
-55.7658

■ 58.8280, 37.5528,
-51.5922

■ 184.7310, 34.6426,
-51.5071

■ 42.9500, 32.5627,
-37.6671

■ 210.1370, 22.1175,
-47.4781

■ 27.8870, 28.1567,
-24.4569

■ 234.3690, 10.1711,
-42.4196

■ 10.4760, 24.9083,
-9.1875

■ 243.3390, 5.7489,
-23.9763

■ 6.0930, 15.7302,
-5.3436

■ 252.6080, 1.1793,

■ 2.2970, 6.2626,

-4.9182

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 93.1600, 47.2491,
-81.7013

■ 102.9500, 42.4227,
-73.6241

■ 112.1530, 37.8856,
-65.0322

■ 121.9430, 33.0591,
-56.9550

■ 131.7330, 28.2326,
-48.8778

■ 141.5230, 23.4062,
-40.8007

■ 150.4270, 19.0165,
-32.8235

■ 160.2170, 14.1900,
-24.7463

■ 170.0070, 9.3635,
-16.6691

■ 179.2100, 4.8265,
-8.0772

Harmonies

Analogous

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



96.3740, 39.2556, -84.5200



93.1600, 47.2491, -81.7013



117.3220, 31.8863, -7.2984

Triad

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



93.1600, 47.2491, -81.7013



115.7040, -14.1511, 59.0186



102.9740, -14.2842, -38.5652

Complementary

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



93.1600, 47.2491, -81.7013



95.8400, -47.2491, 81.7013

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.



109.8400, -30.9801, -3.3677



93.1600, 47.2491, -81.7013



115.1420, -28.6640, 47.2335

Square

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



93.1600, 47.2491, -81.7013



117.7370, 2.5947, 54.6047



113.0500, -36.0137, 24.5121



91.1980, 9.2694, -79.9806

Rectangle

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



93.1600, 47.2491, -81.7013



120.0220, 23.6532, 20.1517



113.0500, -36.0137, 24.5121



105.9280, -21.1635, -25.3699

Sweetspot

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



93.1600, 47.2491, -81.7013



207.6120, 18.4323, -32.1087



118.4670, -25.8662, -103.8956



100.0390, 10.8268, -19.3282



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



93.1600, 47.2491, -81.7013



120.6760, 61.2917, -105.8329



37.9820, 74.4519, -33.3102



89.5480, 2.1948, -3.9886



77.8860, 39.4962, -68.3060



15.2740, 7.7529, -13.3953

Inverse Universe

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



70.4190, 25.4294, 103.9955



91.2670, 32.8994, 134.8238



151.0180, -74.4519, 33.3102



88.3750, 1.2941, 4.9331



58.8700, 21.2631, 86.9370



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 93.1600, 47.2491, -81.7013 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 93.1600, 47.2491, -81.7013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

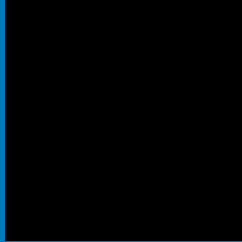
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 93.1600, 47.2491, -81.7013

Background



This preview shows how black text looks on a background with the YUV color 93.1600, 47.2491, -81.7013.



This preview shows how white text looks on a background with the YUV color 93.1600, 47.2491,

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

93.1600, 47.2491, -81.7013

Protanopia

114.8750, 33.0926, -20.9384

Deuteranopia

110.9700, 38.9618, -36.8077



Tritanopia

91.4550, 22.9467, -80.2060

Trichromacy



Original Color

93.1600, 47.2491, -81.7013

Protanomaly

107.1110, 38.3993, -43.0703

Deuteranomaly

104.6690, 42.0682, -53.2067

Tritanomaly

91.8600, 32.1140, -80.5612

Monochromacy



Original Color

93.1600, 47.2491, -81.7013

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2810, 17.1165, -30.0644

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1600, 47.2491, -81.7013 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, 122, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 189)  
}
```

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, 122, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 189) }
```

Border

The CSS property to change the border of an element to YUV 93.1600, 47.2491, -81.7013 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, 122, 189) }
```


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

```
.border{ border-color:rgb(0, 122, 189) }
```

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

Here you see how a box with a 4 pixel rgb(0, 122, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 93.1600, 47.2491, -81.7013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 189) }
```

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

```
.background{ background-color: rgb(0, 122,  
189) }
```

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