

Converting Colors

YUV(99.2410, 47.7022,
-87.0344)

Have a look what the booklet for
YUV(99.2410, 47.7022, -87.0344)
contains.

YUV(99.2410, 47.7022, -87.0344)	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>	30

Color

**YUV(99.2410, 47.7022,
-87.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	0083C4
RGB	0, 131, 196
RGB Percent	0%, 51%, 77%
CMY	1.0000, 0.4863, 0.2314
CMYK	1.00, 0.33, 0.00, 0.23
HSL	200°, 100%, 38%
HSV	200°, 100%, 77%
XYZ	18.0801, 20.2181, 55.1741
YIQ	99.2410, -98.9410, -7.5570

Conversions

Conversions Part 2

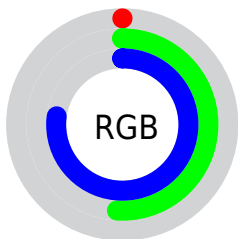
Format	Color
RYB	0, 79, 196
Decimal	33732
CIELab	52.08, -5.90, -42.06
CIELCh	52, 42.477, 262.011
Yxy	20.2181, 0.1934, 0.2163
Android (android.graphics.Color)	4278223812 (0xFF0083C4)
YUV	99.2410, 47.7022, -87.0344
Hunter-Lab	44.9646, -6.9137, -41.2771

Details

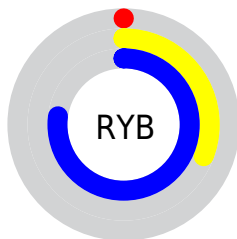
The YUV color **99.2410, 47.7022, -87.0344** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **96.7590, -47.7022, 87.0344**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8530, 42.9635, -60.3841**, and **64.3220, 38.2953, -56.4104** is the 20% darker color. If you saturate the color by 10%, you get **99.2410, 47.7022, -87.0344**, and if you desaturate by 10%, it is **109.3300, 42.7283, -78.3424**.

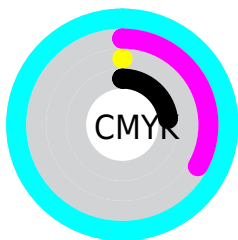
Distribution



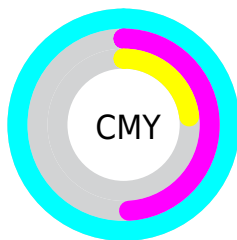
- Red (0%)
- Green (51%)
- Blue (77%)



- Red (0%)
- Yellow (31%)
- Blue (77%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2410, 47.7022, -87.0344 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 99.2410, 47.7022, -87.0344 by changing the saturation by 10% instead.

■ 99.2410, 47.7022,
-87.0344

■ 99.2410, 47.7022,
-87.0344

■ 255.0000, 0.0000,
0.0000

■ 81.4880, 43.1434,
-71.4650

■ 165.8530, 42.9635,
-60.3841

■ 64.3220, 38.2953,
-56.4104

■ 191.1990, 31.4539,
-55.4255

■ 47.8570, 33.5945,
-41.9706

■ 217.4910, 18.4919,
-51.2966

■ 32.6800, 28.7518,
-28.6604

■ 235.2660, 9.7289,
-40.5753

■ 17.6170, 24.3458,
-15.4501

■ 244.5350, 5.1592,
-21.5172

■ 6.7770, 18.3509,
-5.9434

■ 253.5050, 0.7370,

■ 3.0950, 9.3202,

-3.0739

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 99.2410, 47.7022,
-87.0344

■ 109.3300, 42.7283,
-78.3424

■ 118.5330, 38.1912,
-69.7504

■ 128.6220, 33.2174,
-61.0585

■ 137.8250, 28.6803,
-52.4665

■ 147.9140, 23.7064,
-43.7746

■ 157.4160, 19.0219,
-34.5678

■ 167.2060, 14.1954,
-26.4907

■ 176.7080, 9.5110,
-17.2839

■ 186.4980, 4.6845,
-9.2067

Harmonies

Analogous

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



102.2270, 38.8351, -89.6531



99.2410, 47.7022, -87.0344



124.9300, 33.0655, -12.2166

Triad

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



99.2410, 47.7022, -87.0344



124.4590, -12.5513, 59.2335



112.3230, -16.9212, -32.7323

Complementary

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



99.2410, 47.7022, -87.0344



96.7590, -47.7022, 87.0344

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.



117.9330, -32.0120, 0.9358



99.2410, 47.7022, -87.0344



122.9080, -27.0696, 49.1927

Square

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



99.2410, 47.7022, -87.0344



126.2960, 4.7841, 52.3604



121.5990, -35.2983, 28.4157



96.2360, 8.2647, -84.3990

Rectangle

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



99.2410, 47.7022, -87.0344



128.0430, 25.1218, 15.7483



121.5990, -35.2983, 28.4157



114.7930, -23.0689, -20.8665

Sweetspot

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



99.2410, 47.7022, -87.0344



217.6010, 18.4377, -33.8531



122.1200, -29.6392, -107.0992



104.8540, 11.4110, -20.0430



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.



99.2410, 47.7022, -87.0344



128.8600, 62.1870, -113.0102



43.4760, 75.1943, -38.1285



92.2490, 2.3422, -4.6034



81.1630, 39.3596, -71.1800



16.6760, 8.0477, -14.6249

Inverse Universe

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



73.5380, 28.3288, 107.3992



95.6250, 36.6669, 139.7719



152.5240, -75.1943, 38.1285



90.7880, 1.5835, 5.4479



60.3370, 23.0049, 88.2815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 99.2410, 47.7022, -87.0344 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 99.2410, 47.7022, -87.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

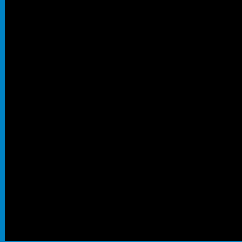
Any Text WCAG AA ✓ Pass

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 99.2410, 47.7022, -87.0344 Background



This preview shows how black text looks on a background with the YUV color 99.2410, 47.7022, -87.0344.



This preview shows how white text looks on a background with the YUV color 99.2410, 47.7022,

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



Protanopia

122.3590, 32.3610, -19.6088

Deuteranopia

119.5790, 38.6616, -33.8338

Tritanopia

97.8780, 24.7101, -85.8390

Trichromacy



Protanomaly

114.2850, 37.8205, -44.0999

Deuteranomaly

112.5550, 41.6314, -53.1067

Tritanomaly

98.0550, 33.0039, -85.9942

Monochromacy



Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2700, 17.1219, -31.8088

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2410, 47.7022, -87.0344 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, 131, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 196)  
}
```

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, 131, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 196) }
```

Border

The CSS property to change the border of an element to YUV 99.2410, 47.7022, -87.0344 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, 131, 196) }
```

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

```
.border{ border-color:rgb(0, 131, 196) }
```

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

Here you see how a box with a 4 pixel rgb(0, 131, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
196) }
```


Background

The CSS property to change the background color of an element to YUV 99.2410, 47.7022, -87.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 196) }
```

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

```
.background{ background-color: rgb(0, 131,  
196) }
```

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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