

Converting Colors

YUV(95.3930, 23.9633,
-32.7937)

Have a look what the booklet for
YUV(95.3930, 23.9633, -32.7937)
contains.

YUV(95.3930, 23.9633, -32.7937)	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(95.3930, 23.9633,
-32.7937)**

Conversions

Conversions Part 1

Format	Color
Hex	3A6990
RGB	58, 105, 144
RGB Percent	23%, 41%, 56%
CMY	0.7725, 0.5882, 0.4353
CMYK	0.60, 0.27, 0.00, 0.44
HSL	207°, 43%, 40%
HSV	207°, 60%, 56%
XYZ	11.8305, 13.0163, 28.2744
YIQ	95.3930, -40.5310, 2.1650

Conversions

Conversions Part 2

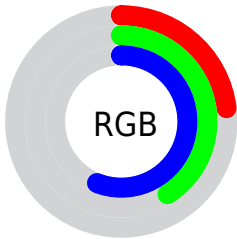
Format	Color
RYB	58, 88, 144
Decimal	3828112
CIELab	42.79, -3.75, -26.24
CIELCh	43, 26.505, 261.868
Yxy	13.0163, 0.2227, 0.2450
Android (android.graphics.Color)	4282018192 (0xFF3A6990)
YUV	95.3930, 23.9633, -32.7937
Hunter-Lab	36.0781, -4.6040, -21.2109

Details

The YUV color **95.3930, 23.9633, -32.7937** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **106.6070, -23.9633, 32.7937**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6320, 24.8314, -31.2493**, and **44.6480, 23.8375, -39.1563** is the 20% darker color. If you saturate the color by 10%, you get **87.0980, 28.0527, -37.7969**, and if you desaturate by 10%, it is **103.6880, 19.8738, -27.7904**.

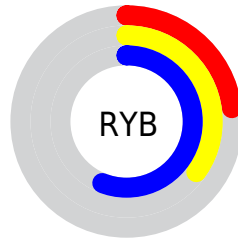
Distribution



Red (23%)

Green (41%)

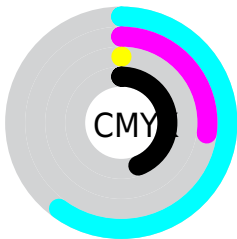
Blue (56%)



Red (23%)

Yellow (35%)

Blue (56%)

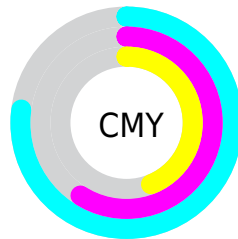


Cyan (60%)

Magenta (27%)

Yellow (0%)

Black (44%)



Cyan (77%)

Magenta (59%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.3930, 23.9633, -32.7937 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 95.3930, 23.9633, -32.7937 by changing the saturation by 10% instead.

■ 95.3930, 23.9633,
-32.7937

■ 95.3930, 23.9633,
-32.7937

255.0000, 0.0000,
0.0000

■ 69.3710, 23.9741,
-36.2824

■ 147.6320, 24.8314,
-31.2493

■ 44.6480, 23.8375,
-39.1563

■ 175.0450, 25.1208,
-30.7345

■ 29.6990, 19.8684,
-26.0460

■ 202.2730, 25.9944,
-30.9344

■ 14.1630, 16.1886,
-12.4210

■ 227.9670, 13.3273,
-28.0351

■ 3.5510, 11.0674,
-3.1142

■ 245.7310, 4.5696,
-19.0581

■ 0.0000, 0.0000,
0.0000

254.7010, 0.1474,

-0.6148

■ 95.3930, 23.9633,
-32.7937

■ 95.3930, 23.9633,
-32.7937

■ 87.0980, 28.0527,
-37.7969

■ 103.6880, 19.8738,
-27.7904

■ 79.0910, 32.0001,
-43.9298

■ 111.6950, 15.9264,
-21.6575

■ 70.7960, 36.0896,
-48.9331

■ 119.9900, 11.8369,
-16.6542

■ 62.7890, 40.0370,
-55.0660

■ 127.9970, 7.8895,
-10.5214

■ 136.2920, 3.8000,
-5.5181

■ 144.0000, 0.0000,
0.0000

■ 152.5940, -4.2368,
5.6181

■ 160.3020, -8.0369,
11.1361

■ 168.8960,
-12.2737, 16.7542

Harmonies

Analogous

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



83.8470, 25.2184, -62.1328



95.3930, 23.9633, -32.7937



102.1190, 19.6613, -6.2434

Triad

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



95.3930, 23.9633, -32.7937



102.7550, -8.2602, 36.1719



95.0180, -10.8549, -18.4328

Complementary

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



95.3930, 23.9633, -32.7937



106.6070, -23.9633, 32.7937

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.



98.0760, -18.7715, 0.8103



95.3930, 23.9633, -32.7937



101.4310, -16.9745, 31.1940

Square

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



95.3930, 23.9633, -32.7937



103.1810, 2.3758, 31.4133



100.3170, -20.8623, 18.1390



89.6160, 2.1613, -40.0052

Rectangle

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



95.3930, 23.9633, -32.7937



103.6650, 14.9552, 9.9408



100.3170, -20.8623, 18.1390



95.9650, -13.7867, -11.3703

Sweetspot

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



95.3930, 23.9633, -32.7937



167.3280, 9.2053, -12.5657



112.9280, -7.8525, -48.1719



82.7370, 5.5527, -7.6623



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.



95.3930, 23.9633, -32.7937



110.1270, 37.4054, -50.9774



70.1520, 36.4071, -10.6573



67.1460, 1.9000, -2.7590



58.8280, 37.5528, -51.5922



3.2600, 2.3368, -2.8590

Inverse Universe

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



89.0720, 7.8525, 48.1719



100.3880, 12.1337, 75.0817



131.8480, -36.4071, 10.6573



66.5490, 0.7153, 3.9035



48.8010, 12.4231, 75.5965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 95.3930, 23.9633, -32.7937 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 95.3930, 23.9633, -32.7937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

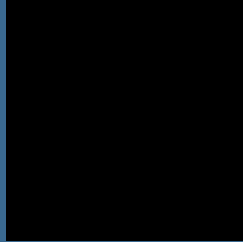
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

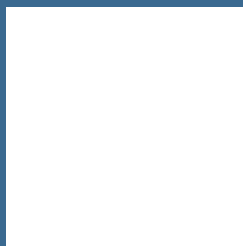
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.3930, 23.9633, -32.7937

Background



This preview shows how black text looks on a background with the YUV color 95.3930, 23.9633, -32.7937.

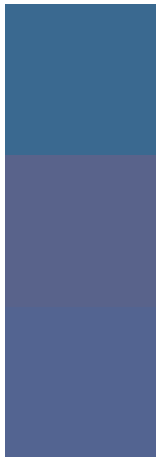


This preview shows how white text looks on a background with the YUV color 95.3930, 23.9633,

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

95.3930, 23.9633, -32.7937

Protanopia

100.5700, 18.9460, -10.1469

Deuteranopia

100.0470, 22.1618, -14.9502



Tritanopia

92.1890, 13.2178, -39.6308

Trichromacy



Original Color

95.3930, 23.9633, -32.7937

Protanomaly

98.6830, 20.8623, -18.1390

Deuteranomaly

98.5300, 22.9097, -21.5128

Tritanomaly

93.2370, 17.1382, -37.0418

Monochromacy



Original Color

95.3930, 23.9633, -32.7937

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.5130, 8.6211, -11.8509

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3930, 23.9633, -32.7937 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(58, 105, 144)` looks like.

```
.text, #text, p{  
    color:rgb(58, 105, 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(58, 105, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 105, 144) }
```

Border

The CSS property to change the border of an element to YUV 95.3930, 23.9633, -32.7937 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(58, 105, 144) }
```


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

```
.border{ border-color:rgb(58, 105, 144) }
```

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

Here you see how a box with a 4 pixel rgb(58, 105, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 105, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 105, 144);  
box-shadow:4px 4px 4px 4px rgb(58, 105,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 95.3930, 23.9633, -32.7937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 105, 144) }
```

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

```
.background{ background-color: rgb(58, 105,  
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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