

Converting Colors

YUV(93.7930, 34.1191,
-23.4975)

Have a look what the booklet for
YUV(93.7930, 34.1191, -23.4975)
contains.

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Color

**YUV(93.7930, 34.1191,
-23.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	435EA3
RGB	67, 94, 163
RGB Percent	26%, 37%, 64%
CMY	0.7373, 0.6314, 0.3608
CMYK	0.59, 0.42, 0.00, 0.36
HSL	223°, 42%, 45%
HSV	223°, 59%, 64%
XYZ	12.9283, 11.8430, 36.2549
YIQ	93.7930, -38.2410, 15.7350

Conversions

Conversions Part 2

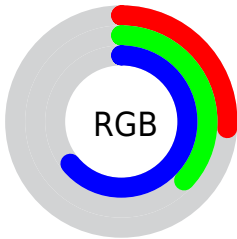
Format	Color
R_{YB}	67, 88, 163
Decimal	4415139
CIE _{Lab}	40.97, 11.60, -40.41
CIE _{LCh}	41, 42.038, 286.018
Yxy	11.8430, 0.2118, 0.1941
Android (android.graphics.Color)	4282605219 (0xFF435EA3)
YUV	93.7930, 34.1191, -23.4975
Hunter-Lab	34.4137, 6.8336, -38.3724

Details

The YUV color **93.7930, 34.1191, -23.4975** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **136.2070, -34.1191, 23.4975**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1570, 35.4186, -20.3087**, and **41.4170, 34.3044, -36.3227** is the 20% darker color. If you saturate the color by 10%, you get **81.9650, 39.9503, -27.1563**, and if you desaturate by 10%, it is **105.6210, 28.2878, -19.8386**.

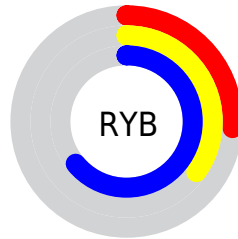
Distribution



Red (26%)

Green (37%)

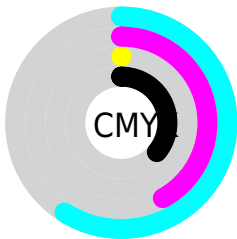
Blue (64%)



Red (26%)

Yellow (35%)

Blue (64%)

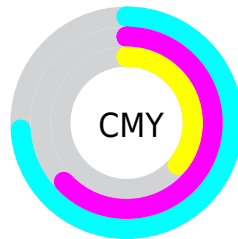


Cyan (59%)

Magenta (42%)

Yellow (0%)

Black (36%)



Cyan (74%)

Magenta (63%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7930, 34.1191, -23.4975 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 93.7930, 34.1191, -23.4975 by changing the saturation by 10% instead.

■ 93.7930, 34.1191,
-23.4975

■ 93.7930, 34.1191,
-23.4975

■ 255.0000, 0.0000,
0.0000

■ 68.2440, 33.4037,
-27.4010

■ 146.1570, 35.4186,
-20.3087

■ 41.4170, 34.3044,
-36.3227

■ 172.7980, 36.5816,
-19.9938

■ 26.2400, 29.4617,
-23.0125

■ 198.8170, 27.6982,
-17.3795

■ 7.6550, 26.7921,
-6.7134

■ 223.6250, 15.4679,
-14.5801

■ 6.2070, 16.1669,
-5.4435

■ 248.7320, 3.0901,
-11.1660

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 93.7930, 34.1191,
-23.4975

■ 93.7930, 34.1191,
-23.4975

■ 81.9650, 39.9503,
-27.1563

■ 105.6210, 28.2878,
-19.8386

■ 70.4250, 45.6395,
-31.9447

■ 117.1610, 22.5986,
-15.0502

■ 58.5970, 51.4707,
-35.6036

■ 128.9890, 16.7674,
-11.3914

■ 46.7690, 57.3019,
-39.2624

■ 140.8170, 10.9362,
-7.7325

■ 45.5840, 57.8861,
-39.9772

■ 152.9440, 4.9576,
-3.4589

■ 164.1850, -0.5842,
0.7148

■ 176.0130, -6.4154,
4.3736

■ 187.8410,
-12.2466, 8.0324

■ 199.3810,
-17.9358, 12.8209

Harmonies

Analogous

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



80.2170, 40.8120, -70.3503



93.7930, 34.1191, -23.4975



99.9680, 22.2008, 19.3221

Triad

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



93.7930, 34.1191, -23.4975



94.6460, -22.9965, 49.4225



74.7500, 2.0953, -65.5558

Complementary

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



93.7930, 34.1191, -23.4975



136.2070, -34.1191, 23.4975

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.



85.6830, -19.5637, -25.1550



93.7930, 34.1191, -23.4975



93.4790, -33.2671, 30.2749

Square

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



93.7930, 34.1191, -23.4975



95.1150, -7.4517, 56.9041



91.0260, -33.0438, 5.2392



79.4410, 17.5306, -69.6698

Rectangle

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



93.7930, 34.1191, -23.4975



98.9830, 12.8264, 39.4799



91.0260, -33.0438, 5.2392



73.3930, -3.1517, -62.6117

Sweetspot

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



93.7930, 34.1191, -23.4975



184.2020, 13.7044, -8.9472



131.2180, 2.3575, -56.3192



90.1440, 8.3100, -5.3883



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



93.7930, 34.1191, -23.4975



103.4550, 53.5127, -37.2330



84.2230, 38.8371, 3.3124



75.7870, 3.0630, -2.4442



40.5970, 51.4707, -35.6036



4.9870, 6.4154, -4.3736

Inverse Universe

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



98.7820, -2.3575, 56.3192



111.0510, -3.4761, 88.5323



145.7770, -38.8371, -3.3124



76.0330, -0.0163, 5.2331



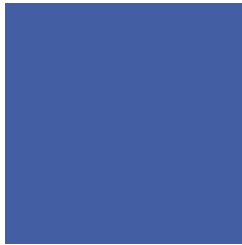
48.0290, -3.4653, 85.0436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 93.7930, 34.1191, -23.4975 looks on a white background.

Color Contrast Check

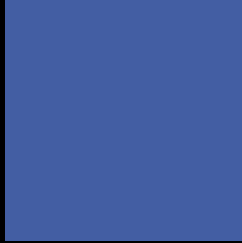
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.7930, 34.1191, -23.4975 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 93.7930, 34.1191, -23.4975

Background



This preview shows how black text looks on a background with the YUV color 93.7930, 34.1191, -23.4975.



This preview shows how white text looks on a background with the YUV color 93.7930, 34.1191,

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

93.7930, 34.1191, -23.4975

Protanopia

93.7930, 34.1191, -23.4975

Deuteranopia

90.3570, 35.3200, -35.3931



Tritanopia

88.2710, 12.1914, -37.0717

Trichromacy



Original Color

93.7930, 34.1191, -23.4975

Protanomaly

93.7930, 34.1191, -23.4975

Deuteranomaly

91.5640, 34.7249, -31.1896

Tritanomaly

90.3670, 20.0321, -31.8939

Monochromacy



Original Color

93.7930, 34.1191, -23.4975

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8600, 12.3940, -8.6472

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7930, 34.1191, -23.4975 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(67, 94, 163)` looks like.

```
.text, #text, p{  
    color:rgb(67, 94, 163)  
}
```

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(67, 94, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 94, 163) }
```

Border

The CSS property to change the border of an element to YUV 93.7930, 34.1191, -23.4975 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(67, 94, 163) }
```


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

```
.border{ border-color:rgb(67, 94, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 94, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 94, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 94, 163);  
box-shadow:4px 4px 4px 4px rgb(67, 94,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 93.7930, 34.1191, -23.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 94, 163) }
```

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

```
.background{ background-color: rgb(67, 94,  
163) }
```

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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