

Converting Colors

YUV(75.7930, 34.1191,
-23.4975)

Have a look what the booklet for
YUV(75.7930, 34.1191, -23.4975)
contains.

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Color

**YUV(75.7930, 34.1191,
-23.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	314C91
RGB	49, 76, 145
RGB Percent	19%, 30%, 57%
CMY	0.8078, 0.7020, 0.4314
CMYK	0.66, 0.48, 0.00, 0.43
HSL	223°, 49%, 38%
HSV	223°, 66%, 57%
XYZ	8.9619, 7.8662, 27.8340
YIQ	75.7930, -38.2410, 15.7350

Conversions

Conversions Part 2

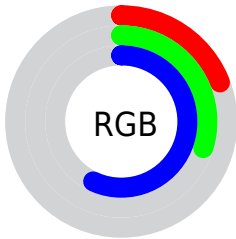
Format	Color
R _Y B	49, 70, 145
Decimal	3230865
CIE Lab	33.70, 13.34, -41.24
CIE LCh	34, 43.341, 287.925
Yxy	7.8662, 0.2007, 0.1761
Android (android.graphics.Color)	4281420945 (0xFF314C91)
YUV	75.7930, 34.1191, -23.4975
Hunter-Lab	28.0467, 7.9552, -39.2077

Details

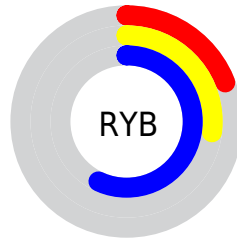
The YUV color **75.7930, 34.1191, -23.4975** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **118.2070, -34.1191, 23.4975**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8690, 35.5606, -19.1791**, and **30.0870, 31.5091, -26.3863** is the 20% darker color. If you saturate the color by 10%, you get **65.4380, 39.2241, -27.5711**, and if you desaturate by 10%, it is **85.8490, 29.1614, -20.0386**.

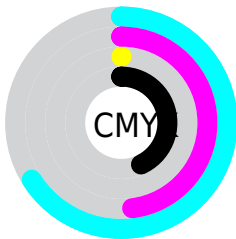
Distribution



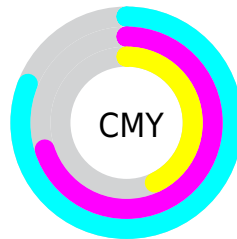
- Red (19%)
- Green (30%)
- Blue (57%)



- Red (19%)
- Yellow (27%)
- Blue (57%)



- Cyan (66%)
- Magenta (48%)
- Yellow (0%)
- Black (43%)



- Cyan (81%)
- Magenta (70%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7930, 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 75.7930, 34.1191, -23.4975 by changing the saturation by 10% instead.

■ 75.7930, 34.1191,
-23.4975

■ 75.7930, 34.1191,
-23.4975

■ 255.0000, 0.0000,
0.0000

■ 48.5530, 34.7304,
-32.9340

■ 126.8690, 35.5606,
-19.1791

■ 30.0870, 31.5091,
-26.3863

■ 153.8090, 36.5762,
-18.2495

■ 13.8500, 27.6820,
-12.1464

■ 181.1080, 36.4288,
-17.6347

■ 7.7060, 19.3719,
-6.7582

■ 205.3290, 24.4878,
-14.3205

■ 3.4370, 10.6306,
-3.0142

■ 230.4360, 12.1101,
-10.9064

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,

-4.3034

■ 75.7930, 34.1191,
-23.4975

■ 75.7930, 34.1191,
-23.4975

■ 65.4380, 39.2241,
-27.5711

■ 85.8490, 29.1614,
-20.0386

■ 54.7950, 44.4711,
-30.5152

■ 96.7910, 23.7670,
-16.4797

■ 44.4400, 49.5761,
-34.5889

■ 106.8470, 18.8094,
-13.0208

■ 40.5970, 51.4707,
-35.6036

■ 117.7890, 13.4150,
-9.4620

■ 128.1440, 8.3100,
-5.3883

■ 138.7870, 3.0630,
-2.4442

■ 149.1420, -2.0420,
1.6295

■ 159.1980, -6.9996,
5.0884

■ 169.8410,
-12.2466, 8.0324

Harmonies

Analogous

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



67.8270, 39.0323, -59.4843



75.7930, 34.1191, -23.4975



81.2780, 22.0479, 21.6812

Triad

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



75.7930, 34.1191, -23.4975



76.2220, -23.2804, 47.1633



62.4740, 0.7523, -54.7897

Complementary

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



75.7930, 34.1191, -23.4975



118.2070, -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.



66.7040, -18.0951, -29.5584



75.7930, 34.1191, -23.4975



74.9580, -36.4613, 28.1008

Square

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



75.7930, 34.1191, -23.4975



75.7020, -7.7411, 56.3893



72.0320, -35.5118, 3.4799



67.0510, 15.7509, -58.8037

Rectangle

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



75.7930, 34.1191, -23.4975



79.4070, 13.1103, 41.7391



72.0320, -35.5118, 3.4799



60.5190, -4.1999, -53.0752

Sweetspot

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



75.7930, 34.1191, -23.4975



161.7890, 13.4150, -9.4620



113.2180, 2.3575, -56.3192



78.0300, 7.8732, -5.2883



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.



75.7930, 34.1191, -23.4975



81.6400, 52.9285, -36.5183



66.2230, 38.8371, 3.3124



65.9720, 2.4788, -1.7294



37.6960, 47.9709, -33.0594



2.0860, 2.9156, -1.8294

Inverse Universe

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



80.7820, -2.3575, 56.3192



89.3390, -3.6181, 87.4027



127.7770, -38.8371, -3.3124



66.3210, -0.1583, 4.1035



44.6970, -3.3016, 79.1957



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 75.7930, 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 ✓ Pass

Black Background



This preview shows how the YUV color 75.7930, 34.1191, -23.4975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

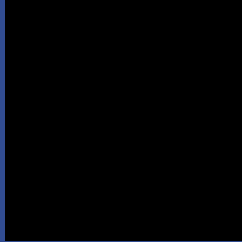
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7930, 34.1191, -23.4975

Background



This preview shows how black text looks on a background with the YUV color 75.7930, 34.1191, -23.4975.



This preview shows how white text looks on a background with the YUV color 75.7930, 34.1191, -23.4975.

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

75.7930, 34.1191, -23.4975

Protanopia

74.9990, 35.0035, -27.1861

Deuteranopia

63.8490, 39.0214, -55.9956



Tritanopia

65.7750, 14.4079, -48.0377

Trichromacy



Original Color

75.7930, 34.1191, -23.4975

Protanomaly

75.5970, 34.7087, -25.9566

Deuteranomaly

68.1710, 37.3837, -44.0000

Tritanomaly

69.6650, 21.3642, -39.1712

Monochromacy



Original Color

75.7930, 34.1191, -23.4975

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8600, 12.3940, -8.6472

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7930, 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(49, 76, 145)` looks like.

```
.text, #text, p{  
    color:rgb(49, 76, 145)  
}
```

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(49, 76, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 76, 145) }
```

Border

The CSS property to change the border of an element to YUV 75.7930, 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(49, 76, 145) }
```


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

```
.border{ border-color:rgb(49, 76, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 76, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 76, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 76, 145);  
box-shadow:4px 4px 4px 4px rgb(49, 76,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 75.7930, 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(49, 76, 145) }
```

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

```
.background{ background-color: rgb(49, 76,  
145) }
```

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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