

Converting Colors

YUV(75.5250, 30.3072,
-60.9734)

Have a look what the booklet for
YUV(75.5250, 30.3072, -60.9734)
contains.

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Color

**YUV(75.5250, 30.3072,
-60.9734)**

Conversions

Conversions Part 1

Format	Color
Hex	066389
RGB	6, 99, 137
RGB Percent	2%, 39%, 54%
CMY	0.9765, 0.6118, 0.4627
CMYK	0.96, 0.28, 0.00, 0.46
HSL	197°, 92%, 28%
HSV	197°, 96%, 54%
XYZ	9.0523, 10.7685, 25.2683
YIQ	75.5250, -67.6260, -7.8980

Conversions

Conversions Part 2

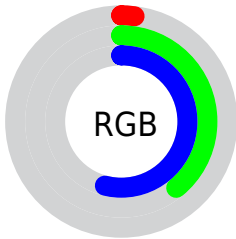
Format	Color
RYB	6, 60, 137
Decimal	418697
CIELab	39.19, -9.54, -27.75
CIELCh	39, 29.348, 251.027
Yxy	10.7685, 0.2008, 0.2388
Android (android.graphics.Color)	4278608777 (0xFF066389)
YUV	75.5250, 30.3072, -60.9734
Hunter-Lab	32.8155, -8.1870, -22.6833

Details

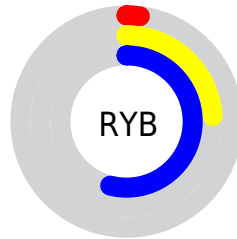
The YUV color **75.5250, 30.3072, -60.9734** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **67.4750, -30.3072, 60.9734**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3420, 27.9324, -45.9039**, and **41.0290, 22.6637, -35.9824** is the 20% darker color. If you saturate the color by 10%, you get **72.5570, 31.7704, -63.6325**, and if you desaturate by 10%, it is **82.0590, 27.0859, -54.4257**.

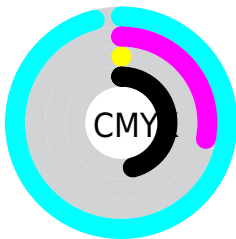
Distribution



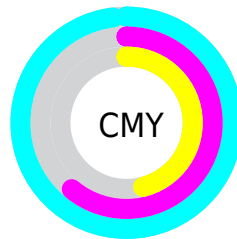
- Red (2%)
- Green (39%)
- Blue (54%)



- Red (2%)
- Yellow (24%)
- Blue (54%)



- Cyan (96%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)



- Cyan (98%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5250, 30.3072, -60.9734 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 75.5250, 30.3072, -60.9734 by changing the saturation by 10% instead.

■ 75.5250, 30.3072,
-60.9734

■ 75.5250, 30.3072,
-60.9734

■ 255.0000, 0.0000,
0.0000

■ 56.6790, 26.7803,
-49.7075

■ 134.3420, 27.9324,
-45.9039

■ 41.0290, 22.6637,
-35.9824

■ 161.0540, 28.0744,
-44.7744

■ 25.9660, 18.2578,
-22.7722

■ 189.4670, 28.3638,
-44.2596

■ 6.4350, 17.0405,
-5.6435

■ 215.1870, 19.6278,
-42.2600

■ 2.7530, 8.0098,
-2.4144

■ 237.3590, 8.6970,
-36.2718

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,

-18.4433

■ 75.5250, 30.3072,
-60.9734

■ 75.5250, 30.3072,
-60.9734

■ 72.5570, 31.7704,
-63.6325

■ 82.0590, 27.0859,
-54.4257

■ 88.2940, 24.0121,
-48.4928

■ 94.8280, 20.7908,
-41.9452

■ 101.3620, 17.5695,
-35.3975

■ 107.8960, 14.3483,
-28.8498

■ 114.1310, 11.2744,
-22.9169

■ 120.6650, 8.0532,
-16.3692

■ 127.1990, 4.8319,
-9.8215

■ 133.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



74.4830, 23.9189, -65.3216



75.5250, 30.3072, -60.9734



90.7800, 23.7725, -18.2241

Triad

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



75.5250, 30.3072, -60.9734



93.6890, -4.7767, 38.8607



86.4980, -15.5285, -12.7147

Complementary

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



75.5250, 30.3072, -60.9734



67.4750, -30.3072, 60.9734

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.



89.4960, -22.4295, 7.4580



75.5250, 30.3072, -60.9734



92.3330, -14.9542, 36.5420

Square

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



75.5250, 30.3072, -60.9734



94.9080, 6.4544, 29.8987



91.7200, -22.0470, 24.8016



81.3730, -2.6489, -37.1611

Rectangle

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



75.5250, 30.3072, -60.9734



94.0490, 19.2028, 0.8340



91.7200, -22.0470, 24.8016



87.7440, -18.6078, -5.0375

Sweetspot

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



75.5250, 30.3072, -60.9734



154.0600, 12.2954, -23.7316



87.1150, -21.7487, -71.1379



74.4480, 7.1741, -14.4249



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



75.5250, 30.3072, -60.9734



94.9550, 41.4342, -83.2755



37.3700, 49.1176, -27.5115



65.7330, 1.6106, -3.2738



70.3400, 30.8914, -61.6882



2.9180, 1.0264, -2.5591

Inverse Universe

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



55.7710, 21.3119, 71.2378



67.9990, 29.0875, 97.3479



105.6300, -49.1176, 27.5115



64.6630, 1.1521, 3.8035



50.4830, 21.4539, 72.3674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 75.5250, 30.3072, -60.9734 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 75.5250, 30.3072, -60.9734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

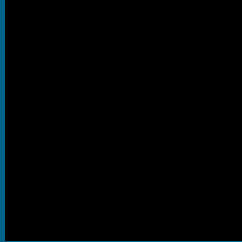
Any Text WCAG AA × Fail

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 75.5250, 30.3072, -60.9734 Background



This preview shows how black text looks on a background with the YUV color 75.5250, 30.3072, -60.9734.



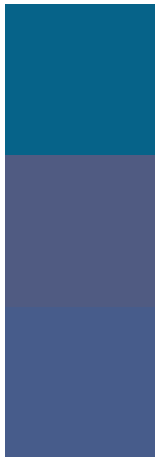
This preview shows how white text looks on a background with the YUV color 75.5250, 30.3072, -60.9734.

-60.9734.

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

75.5250, 30.3072, -60.9734

Protanopia

92.1570, 18.6566, -10.6617

Deuteranopia

91.0790, 23.6251, -17.6093



Tritanopia

72.4140, 18.5299, -63.5071

Trichromacy



Original Color

75.5250, 30.3072, -60.9734

Protanomaly

86.1870, 23.0788, -29.1050

Deuteranomaly

85.5500, 25.8579, -33.8083

Tritanomaly

73.5650, 22.8925, -62.7625

Monochromacy



Original Color

75.5250, 30.3072, -60.9734

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7290, 10.9796, -21.6873

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5250, 30.3072, -60.9734 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(6, 99, 137)` looks like.

```
.text, #text, p{  
    color:rgb(6, 99, 137)  
}
```

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(6, 99, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 99, 137) }
```

Border

The CSS property to change the border of an element to YUV 75.5250, 30.3072, -60.9734 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(6, 99, 137) }
```


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

```
.border{ border-color:rgb(6, 99, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 99, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 99, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 99, 137);  
box-shadow:4px 4px 4px 4px rgb(6, 99, 137)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.5250, 30.3072, -60.9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 99, 137) }
```

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

```
.background{ background-color: rgb(6, 99,  
137) }
```

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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