

Converting Colors

YUV(97.3730, 54.5391,
-39.7921)

Have a look what the booklet for
YUV(97.3730, 54.5391, -39.7921)
contains.

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Color

**YUV(97.3730, 54.5391,
-39.7921)**

Conversions

Conversions Part 1

Format	Color
Hex	3463D0
RGB	52, 99, 208
RGB Percent	20%, 39%, 82%
CMY	0.7961, 0.6118, 0.1843
CMYK	0.75, 0.52, 0.00, 0.18
HSL	222°, 62%, 51%
HSV	222°, 75%, 82%
XYZ	17.2632, 14.2078, 61.5070
YIQ	97.3730, -63.0010, 23.9350

Conversions

Conversions Part 2

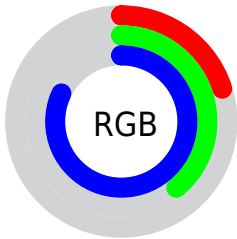
Format	Color
R_{YB}	52, 88, 208
Decimal	3433424
CIE _{Lab}	44.53, 22.26, -60.97
CIE _{LCh}	45, 64.904, 290.054
Yxy	14.2078, 0.1857, 0.1528
Android (android.graphics.Color)	4281623504 (0xFF3463D0)
YUV	97.3730, 54.5391, -39.7921
Hunter-Lab	37.6933, 15.7883, -70.3629

Details

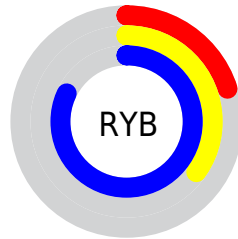
The YUV color **97.3730, 54.5391, -39.7921** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **162.6270, -54.5391, 39.7921**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1140, 50.7228, -29.0410**, and **49.1400, 51.2030, -43.0958** is the 20% darker color. If you saturate the color by 10%, you get **82.2890, 61.9755, -44.9805**, and if you desaturate by 10%, it is **112.4570, 47.1027, -34.6038**.

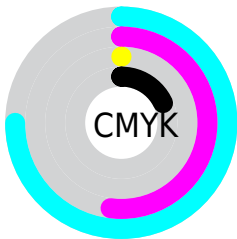
Distribution



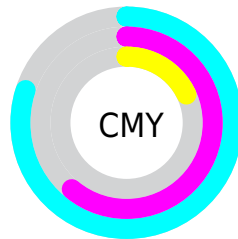
- Red (20%)
- Green (39%)
- Blue (82%)



- Red (20%)
- Yellow (35%)
- Blue (82%)



- Cyan (75%)
- Magenta (52%)
- Yellow (0%)
- Black (18%)



- Cyan (80%)
- Magenta (61%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3730, 54.5391, -39.7921 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 97.3730, 54.5391, -39.7921 by changing the saturation by 10% instead.

■ 97.3730, 54.5391,
-39.7921

■ 97.3730, 54.5391,
-39.7921

■ 255.0000, 0.0000,
0.0000

■ 65.1320, 56.6299,
-57.1208

■ 152.1140, 50.7228,
-29.0410

■ 49.1400, 51.2030,
-43.0958

■ 177.2320, 38.3396,
-23.8825

■ 34.3220, 45.1973,
-30.1004

■ 202.0510, 26.1039,
-19.3387

■ 19.6180, 39.6283,
-17.2050

■ 227.4570, 13.5787,
-15.3098

■ 13.8330, 30.1553,
-12.1315

■ 250.8140, 2.0637,
-8.6069

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 97.3730, 54.5391,
-39.7921

■ 97.3730, 54.5391,
-39.7921

■ 82.2890, 61.9755,
-44.9805

■ 112.4570, 47.1027,
-34.6038

■ 67.7920, 69.1225,
-50.6836

■ 126.9540, 39.9557,
-28.9007

■ 60.6930, 72.6224,
-53.2278

■ 141.7390, 32.6667,
-24.3271

■ 156.2360, 25.5197,
-18.6240

■ 171.3200, 18.0832,
-13.4356

■ 185.8170, 10.9362,
-7.7325

■ 200.9010, 3.4998,
-2.5442

■ 215.0990, -3.4998,
2.5442

■ 230.1830,
-10.9362, 7.7325

Harmonies

Analogous

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



92.9610, 59.1792, -81.5268



97.3730, 54.5391, -39.7921



106.8900, 34.0712, 38.6845

Triad

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



97.3730, 54.5391, -39.7921



97.2500, -39.0703, 71.6947



84.8260, 0.0858, -74.3924

Complementary

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



97.3730, 54.5391, -39.7921



162.6270, -54.5391, 39.7921

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.



75.1650, -24.2383, -65.9197



97.3730, 54.5391, -39.7921



99.6960, -49.1501, 37.9776

Square

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



97.3730, 54.5391, -39.7921



92.6510, -10.1809, 92.3911



95.0240, -46.8468, -0.8980



91.7970, 24.2571, -80.5060

Rectangle

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



97.3730, 54.5391, -39.7921



100.0700, 21.1645, 71.8526



95.0240, -46.8468, -0.8980



82.0730, -7.9240, -71.9780

Sweetspot

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



97.3730, 54.5391, -39.7921



213.2920, 20.5620, -15.1651



155.7700, 1.5924, -91.0063



102.5610, 12.5414, -9.2620



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.



97.3730, 54.5391, -39.7921



92.3100, 80.2062, -59.0309



78.4550, 63.8657, 2.2320



97.0150, 3.9366, -2.6442



49.0890, 58.6231, -43.0511



11.7180, 14.4360, -10.2767

Inverse Universe

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



104.0020, -2.4660, 91.2062



101.7500, -3.3277, 134.4002



181.5450, -63.8657, -2.2320



97.6310, -0.3111, 6.4626



56.0460, -2.4877, 98.1837



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 97.3730, 54.5391, -39.7921 looks on a white background.

Color Contrast Check

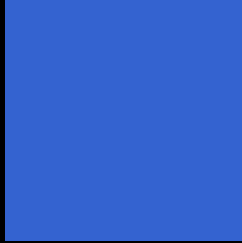
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.3730, 54.5391, -39.7921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

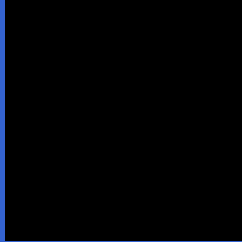
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.3730, 54.5391, -39.7921

Background



This preview shows how black text looks on a background with the YUV color 97.3730, 54.5391, -39.7921.



This preview shows how white text looks on a background with the YUV color 97.3730, 54.5391, -39.7921.

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

97.3730, 54.5391, -39.7921

Protanopia

91.8980, 58.2243, -55.1615

Deuteranopia

84.0130, 50.2796, -73.6794



Tritanopia

82.3420, 21.0304, -72.2139

Trichromacy



Original Color

97.3730, 54.5391, -39.7921

Protanomaly

93.5890, 56.8976, -49.6286

Deuteranomaly

88.8450, 51.8414, -61.2541

Tritanomaly

87.9210, 33.0699, -60.4437

Monochromacy



Original Color

97.3730, 54.5391, -39.7921

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.3630, 19.5410, -14.3504

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3730, 54.5391, -39.7921 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(52, 99, 208)` looks like.

```
.text, #text, p{  
    color:rgb(52, 99, 208)  
}
```

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(52, 99, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 99, 208) }
```

Border

The CSS property to change the border of an element to YUV 97.3730, 54.5391, -39.7921 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(52, 99, 208) }
```


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

```
.border{ border-color:rgb(52, 99, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 99, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 99, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 99, 208);  
box-shadow:4px 4px 4px 4px rgb(52, 99,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 97.3730, 54.5391, -39.7921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 99, 208) }
```

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

```
.background{ background-color: rgb(52, 99,  
208) }
```

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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