

Converting Colors

YUV(87.8750, 49.8546,
-30.5854)

Have a look what the booklet for
YUV(87.8750, 49.8546, -30.5854)
contains.

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Color

**YUV(87.8750, 49.8546,
-30.5854)**

Conversions

Conversions Part 1

Format	Color
Hex	3556BD
RGB	53, 86, 189
RGB Percent	21%, 34%, 74%
CMY	0.7922, 0.6627, 0.2588
CMYK	0.72, 0.54, 0.00, 0.26
HSL	225°, 56%, 47%
HSV	225°, 72%, 74%
XYZ	13.9813, 11.0866, 49.5471
YIQ	87.8750, -52.7310, 25.0370

Conversions

Conversions Part 2

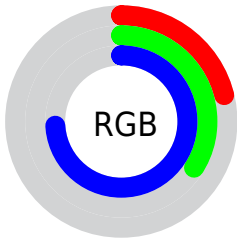
Format	Color
R_{YB}	53, 80, 189
Decimal	3495613
CIE _{Lab}	39.73, 23.74, -57.75
CIE _{LCh}	40, 62.444, 292.348
Yxy	11.0866, 0.1874, 0.1486
Android (android.graphics.Color)	4281685693 (0xFF3556BD)
YUV	87.8750, 49.8546, -30.5854
Hunter-Lab	33.2965, 16.6837, -64.9194

Details

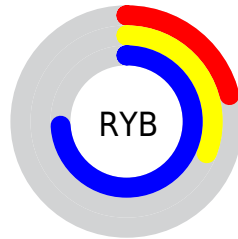
The YUV color **87.8750, 49.8546, -30.5854** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **154.1250, -49.8546, 30.5854**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2720, 51.1379, -22.1635**, and **40.0440, 46.8133, -35.1186** is the 20% darker color. If you saturate the color by 10%, you get **73.9760, 56.7068, -35.0590**, and if you desaturate by 10%, it is **101.7740, 43.0024, -26.1118**.

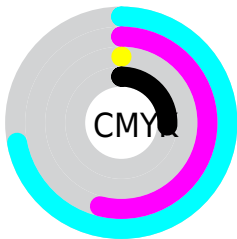
Distribution



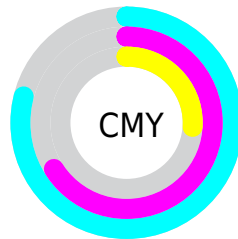
- Red (21%)
- Green (34%)
- Blue (74%)



- Red (21%)
- Yellow (31%)
- Blue (74%)



- Cyan (72%)
- Magenta (54%)
- Yellow (0%)
- Black (26%)



- Cyan (79%)
- Magenta (66%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8750, 49.8546, -30.5854 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 87.8750, 49.8546, -30.5854 by changing the saturation by 10% instead.

■ 87.8750, 49.8546,
-30.5854

■ 87.8750, 49.8546,
-30.5854

■ 255.0000, 0.0000,
0.0000

■ 55.3350, 52.0928,
-48.5288

■ 142.2720, 51.1379,
-22.1635

■ 40.0440, 46.8133,
-35.1186

■ 167.2310, 43.2701,
-18.6196

■ 25.9270, 40.9550,
-22.7380

■ 192.0500, 31.0344,
-14.0758

■ 9.5760, 36.6910,
-8.3982

■ 217.1570, 18.6566,
-10.6617

■ 10.3620, 24.4715,
-9.0875

■ 242.5630, 6.1314,
-6.6328

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 87.8750, 49.8546,
-30.5854

■ 87.8750, 49.8546,
-30.5854

■ 73.9760, 56.7068,
-35.0590

■ 101.7740, 43.0024,
-26.1118

■ 59.4900, 63.8484,
-39.0177

■ 116.2600, 35.8608,
-22.1530

■ 48.5480, 69.2428,
-42.5766

■ 130.1590, 29.0086,
-17.6794

■ 144.0580, 22.1564,
-13.2059

■ 158.5440, 15.0148,
-9.2471

■ 172.1440, 8.3100,
-5.3883

■ 186.0430, 1.4578,
-0.9147

■ 200.5290, -5.6838,
3.0441

■ 214.4280,
-12.5360, 7.5176

Harmonies

Analogous

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



83.3920, 55.5157, -73.1348



87.8750, 49.8546, -30.5854



93.8040, 31.1556, 40.5139

Triad

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



87.8750, 49.8546, -30.5854



85.5760, -40.2170, 66.1468



76.3970, 0.7903, -67.0002

Complementary

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



87.8750, 49.8546, -30.5854



154.1250, -49.8546, 30.5854

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.



67.7790, -22.0760, -59.4422



87.8750, 49.8546, -30.5854



88.4440, -43.6029, 32.0596

Square

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



87.8750, 49.8546, -30.5854



79.9170, -10.3121, 87.7728



83.1960, -41.0156, -4.5569



82.4390, 23.9406, -72.2990

Rectangle

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



87.8750, 49.8546, -30.5854



86.3150, 19.5647, 71.6377



83.1960, -41.0156, -4.5569



73.8720, -6.3459, -64.7857

Sweetspot

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



87.8750, 49.8546, -30.5854



204.7870, 19.8250, -12.0912



144.4600, 5.1962, -80.2104



98.6430, 11.5150, -6.7029



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



87.8750, 49.8546, -30.5854



87.9910, 77.4054, -47.3501



78.6700, 54.3927, 7.3054



87.2000, 3.3524, -1.9294



40.3180, 58.0172, -35.3589



7.6430, 11.5150, -6.7029

Inverse Universe

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



97.4260, -5.6330, 80.3104



102.9030, -8.8262, 124.6191



163.3300, -54.3927, -7.3054



87.9190, -0.4531, 5.3330



51.5740, -6.6920, 93.3356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 87.8750, 49.8546, -30.5854 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 87.8750, 49.8546, -30.5854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

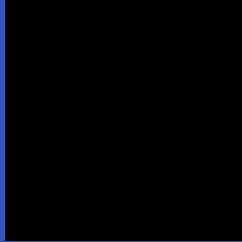
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.8750, 49.8546, -30.5854

Background



This preview shows how black text looks on a background with the YUV color 87.8750, 49.8546, -30.5854.



This preview shows how white text looks on a background with the YUV color 87.8750, 49.8546, -30.5854.

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

87.8750, 49.8546, -30.5854

Protanopia

74.6040, 57.3832, -65.4277

Deuteranopia

74.5750, 44.5795, -65.4023



Tritanopia

73.1150, 18.6773, -64.1219

Trichromacy



Original Color

87.8750, 49.8546, -30.5854

Protanomaly

79.5840, 54.4351, -53.1322

Deuteranomaly

79.5210, 46.5781, -53.0769

Tritanomaly

78.4660, 29.8433, -52.1517

Monochromacy



Original Color

87.8750, 49.8546, -30.5854

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7440, 18.3672, -11.1765

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8750, 49.8546, -30.5854 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(53, 86, 189)` looks like.

```
.text, #text, p{  
    color:rgb(53, 86, 189)  
}
```

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(53, 86, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 86, 189) }
```

Border

The CSS property to change the border of an element to YUV 87.8750, 49.8546, -30.5854 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(53, 86, 189) }
```


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

```
.border{ border-color:rgb(53, 86, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 86, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 86, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 86, 189);  
box-shadow:4px 4px 4px 4px rgb(53, 86,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 87.8750, 49.8546, -30.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 86, 189) }
```

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

```
.background{ background-color: rgb(53, 86,  
189) }
```

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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