

Converting Colors

YUV(99.3560, 63.9145,
-13.4672)

Have a look what the booklet for
YUV(99.3560, 63.9145, -13.4672)
contains.

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Color

**YUV(99.3560, 63.9145,
-13.4672)**

Conversions

Conversions Part 1

Format	Color
Hex	5452E5
RGB	84, 82, 229
RGB Percent	33%, 32%, 90%
CMY	0.6706, 0.6784, 0.1020
CMYK	0.63, 0.64, 0.00, 0.10
HSL	241°, 74%, 61%
HSV	241°, 64%, 90%
XYZ	20.8163, 13.5765, 75.6521
YIQ	99.3560, -45.9950, 46.1410

Conversions

Conversions Part 2

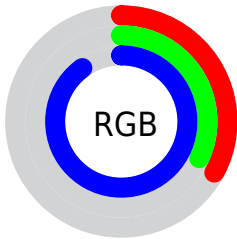
Format	Color
R _Y B	84, 82, 229
Decimal	5526245
CIE Lab	43.62, 44.41, -74.35
CIE LCh	44, 86.600, 300.849
Yxy	13.5765, 0.1892, 0.1234
Android (android.graphics.Color)	4283716325 (0xFF5452E5)
YUV	99.3560, 63.9145, -13.4672
Hunter-Lab	36.8464, 36.3622, -95.9404

Details

The YUV color **99.3560, 63.9145, -13.4672** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **211.6440, -63.9145, 13.4672**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8060, 51.3676, -2.4609**, and **40.7400, 64.7112, -35.7290** is the 20% darker color. If you saturate the color by 10%, you get **78.9780, 73.9608, -15.7667**, and if you desaturate by 10%, it is **119.7340, 53.8681, -11.1677**.

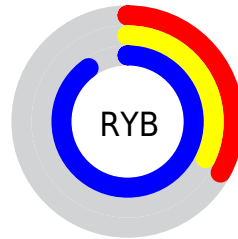
Distribution



Red (33%)

Green (32%)

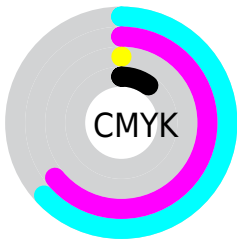
Blue (90%)



Red (33%)

Yellow (32%)

Blue (90%)

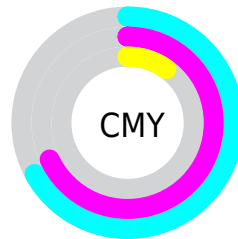


Cyan (63%)

Magenta (64%)

Yellow (0%)

Black (10%)



Cyan (67%)

Magenta (68%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3560, 63.9145, -13.4672 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 99.3560, 63.9145, -13.4672 by changing the saturation by 10% instead.

■ 99.3560, 63.9145,
-13.4672

■ 99.3560, 63.9145,
-13.4672

255.0000, 0.0000,
0.0000

■ 70.6000, 63.7942,
-21.5742

■ 150.8060, 51.3676,
-2.4609

■ 40.7400, 64.7112,
-35.7290

■ 175.0380, 39.4213,
2.5977

■ 25.3350, 58.9948,
-22.2188

■ 200.7430, 26.7487,
7.2414

■ 13.4520, 51.5422,
-11.7974

■ 225.5620, 14.5129,
11.7851

■ 11.1890, 40.3328,
-9.8128

■ 247.3690, 3.7621,
6.6924

■ 11.8610, 27.6765,
-10.4021

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 99.3560, 63.9145,
-13.4672

■ 99.3560, 63.9145,
-13.4672

■ 78.9780, 73.9608,
-15.7667

■ 119.7340, 53.8681,
-11.1677

■ 58.8990, 83.8598,
-17.4514

■ 139.8130, 43.9692,
-9.4830

■ 38.5210, 93.9061,
-19.7509

■ 160.1910, 33.9228,
-7.1835

■ 27.0030, 99.5845,
-21.0506

■ 180.2700, 24.0239,
-5.4988

■ 200.6480, 13.9775,
-3.1993

■ 220.4390, 4.2206,
-0.3850

■ 240.5180, -5.6784,
1.2997

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



94.8310, 76.4983, -83.1668



99.3560, 63.9145, -13.4672



77.3250, 48.1538, 95.3080

Triad

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



99.3560, 63.9145, -13.4672



93.4370, -46.0644, 75.0388



88.0520, 7.3694, -77.2216

Complementary

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



99.3560, 63.9145, -13.4672



211.6440, -63.9145, 13.4672

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.



76.8290, -28.0167, -67.3790



99.3560, 63.9145, -13.4672



96.9500, -47.7963, 23.7229

Square

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



99.3560, 63.9145, -13.4672



67.8620, -16.6940, 128.1630



83.6070, -41.2183, -32.9813



96.9610, 38.9662, -85.0348

Rectangle

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



99.3560, 63.9145, -13.4672



78.5780, 24.3650, 118.7651



83.6070, -41.2183, -32.9813



85.2020, -3.5506, -74.7222

Sweetspot

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



99.3560, 63.9145, -13.4672



212.4720, 20.9663, -4.7989



185.0470, 21.6688, -90.3722



101.7190, 12.9565, -2.3846



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.



99.3560, 63.9145, -13.4672



81.9420, 85.3176, -18.3661



120.8840, 53.3012, 30.7967



104.3680, 5.2416, -1.1997



21.0040, 77.8920, -16.6665



6.1130, 22.1293, -4.4841

Inverse Universe

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



142.4830, 41.6669, 75.8754



139.6060, 55.4102, 101.2005



190.4150, -53.4486, -30.1820



107.9560, 3.4727, 6.1776



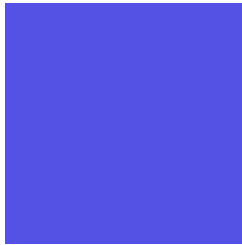
73.5850, 50.4906, 92.4490



20.9490, 14.3221, 26.3547

Previews

White Background



This preview shows how the YUV color 99.3560, 63.9145, -13.4672 looks on a white background.

Color Contrast Check

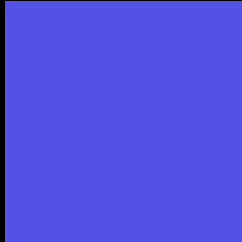
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.3560, 63.9145, -13.4672 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 99.3560, 63.9145, -13.4672

Background



This preview shows how black text looks on a background with the YUV color 99.3560, 63.9145, -13.4672.



This preview shows how white text looks on a background with the YUV color 99.3560, 63.9145,

-13.4672.

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

99.3560, 63.9145, -13.4672

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

82.1550, 48.2376, -72.0499



Tritanopia

84.2290, 19.1141, -64.2218

Trichromacy



Original Color

99.3560, 63.9145, -13.4672

Protanomaly

88.4840, 62.8654, -50.4135

Deuteranomaly

88.7800, 53.8455, -50.6731

Tritanomaly

89.7040, 35.6419, -45.3444

Monochromacy



Original Color

99.3560, 63.9145, -13.4672

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.3410, 23.0029, -4.6841

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3560, 63.9145, -13.4672 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(84, 82, 229)` looks like.

```
.text, #text, p{  
    color:rgb(84, 82, 229)  
}
```

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(84, 82, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 82, 229) }
```

Border

The CSS property to change the border of an element to YUV 99.3560, 63.9145, -13.4672 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(84, 82, 229) }
```


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

```
.border{ border-color:rgb(84, 82, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 82, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 82, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 82, 229);  
box-shadow:4px 4px 4px 4px rgb(84, 82,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 99.3560, 63.9145, -13.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 82, 229) }
```

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

```
.background{ background-color: rgb(84, 82,  
229) }
```

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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