

Converting Colors

YUV(119.2750, 49.6574,
-60.7542)

Have a look what the booklet for
YUV(119.2750, 49.6574, -60.7542)
contains.

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Color

**YUV(119.2750, 49.6574,
-60.7542)**

Conversions

Conversions Part 1

Format	Color
Hex	3287DC
RGB	50, 135, 220
RGB Percent	20%, 53%, 86%
CMY	0.8039, 0.4706, 0.1373
CMYK	0.77, 0.39, 0.00, 0.14
HSL	210°, 71%, 53%
HSV	210°, 77%, 86%
XYZ	22.8976, 23.1734, 70.9762
YIQ	119.2750, -77.9450, 8.4150

Conversions

Conversions Part 2

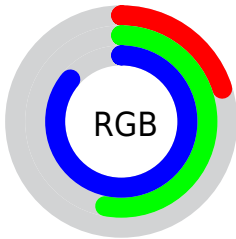
Format	Color
R_{YB}	50, 107, 220
Decimal	3311580
CIE _{Lab}	55.25, 4.00, -50.57
CIE _{LCh}	55, 50.725, 274.524
Yxy	23.1734, 0.1956, 0.1980
Android (android.graphics.Color)	4281501660 (0xFF3287DC)
YUV	119.2750, 49.6574, -60.7542
Hunter-Lab	48.1387, 0.6624, -53.7207

Details

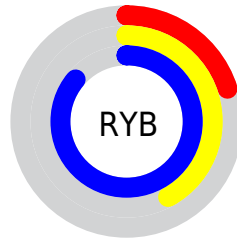
The YUV color **119.2750, 49.6574, -60.7542** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **150.7250, -49.6574, 60.7542**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3060, 39.2891, -48.5034**, and **69.1780, 46.7472, -60.6691** is the 20% darker color. If you saturate the color by 10%, you get **106.2400, 56.0837, -68.6165**, and if you desaturate by 10%, it is **132.3100, 43.2312, -52.8919**.

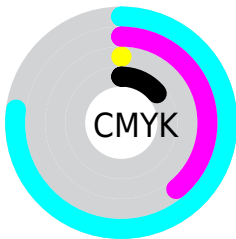
Distribution



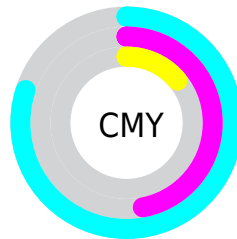
- Red (20%)
- Green (53%)
- Blue (86%)



- Red (20%)
- Yellow (42%)
- Blue (86%)



- Cyan (77%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



- Cyan (80%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2750, 49.6574, -60.7542 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 119.2750, 49.6574, -60.7542 by changing the saturation by 10% instead.

■ 119.2750, 49.6574,
-60.7542

■ 119.2750, 49.6574,
-60.7542

255.0000, 0.0000,
0.0000

■ 86.4580, 52.0322,
-75.8237

■ 175.3060, 39.2891,
-48.5034

■ 69.1780, 46.7472,
-60.6691

■ 200.4240, 26.9060,
-43.3448

■ 52.7130, 42.0465,
-46.2293

■ 226.4170, 14.0914,
-39.8307

■ 37.4220, 36.7670,
-32.8191

■ 242.1430, 6.3385,
-26.4354

■ 23.4190, 31.3454,
-20.5385

■ 251.1130, 1.9163,
-7.9921

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 119.2750, 49.6574,
-60.7542

■ 119.2750, 49.6574,
-60.7542

■ 106.2400, 56.0837,
-68.6165

■ 132.3100, 43.2312,
-52.8919

■ 93.2050, 62.5099,
-76.4788

■ 145.3450, 36.8049,
-45.0296

■ 89.6500, 64.2626,
-78.6230

■ 158.3800, 30.3787,
-37.1673

■ 171.4150, 23.9524,
-29.3050

■ 184.4500, 17.5262,
-21.4426

■ 197.4850, 11.0999,
-13.5803

■ 210.5200, 4.6736,
-5.7180

■ 223.5550, -1.7526,
2.1443

■ 236.5900, -8.1789,
10.0066

Harmonies

Analogous

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



110.3430, 49.6239, -96.7708



119.2750, 49.6574, -60.7542



135.3930, 34.3163, 6.6713

Triad

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



119.2750, 49.6574, -60.7542



130.5820, -22.4719, 67.8956



108.5080, -7.6454, -67.9745

Complementary

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



119.2750, 49.6574, -60.7542



150.7250, -49.6574, 60.7542

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.



121.8940, -32.9787, -15.6930



119.2750, 49.6574, -60.7542



129.5200, -38.7104, 49.5330

Square

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



119.2750, 49.6574, -60.7542



131.8700, -2.4009, 70.2740



126.5520, -44.1491, 20.5639



106.1300, 15.7119, -93.0760

Rectangle

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



119.2750, 49.6574, -60.7542



136.4200, 23.4569, 36.4657



126.5520, -44.1491, 20.5639



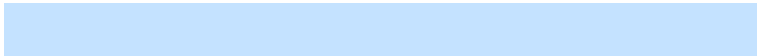
115.6050, -18.0463, -45.2576

Sweetspot

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



119.2750, 49.6574, -60.7542



220.3360, 17.0894, -21.3427



159.4800, -12.0686, -96.0140



106.6700, 10.5157, -12.8656



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.



119.2750, 49.6574, -60.7542



114.2840, 69.3730, -84.4411



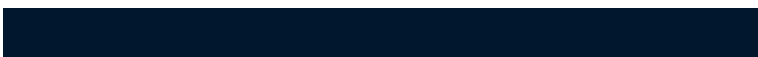
69.3800, 74.2557, -16.9963



103.1890, 3.3578, -3.6738



70.7910, 50.3890, -62.0837



18.7450, 13.4367, -16.4394

Inverse Universe

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



110.5200, 12.0686, 96.0140



102.3150, 16.6067, 133.9047



200.6200, -74.2557, 16.9963



102.8590, 0.5625, 6.2627



61.6450, 12.5000, 97.6583



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 119.2750, 49.6574, -60.7542 looks on a white 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

Black Background



This preview shows how the YUV color 119.2750, 49.6574, -60.7542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

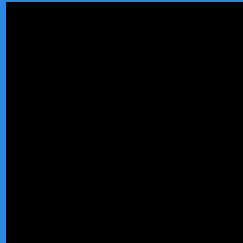
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

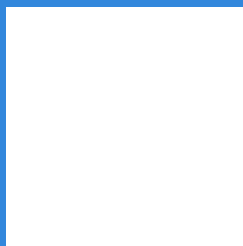
Any Text WCAG AAA × Fail

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

YUV 119.2750, 49.6574, -60.7542 Background



This preview shows how black text looks on a background with the YUV color 119.2750, 49.6574, -60.7542.



This preview shows how white text looks on a background with the YUV color 119.2750, 49.6574, -60.7542.

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

119.2750, 49.6574, -60.7542

Protanopia

129.1220, 41.8449, -28.1710

Deuteranopia

123.6080, 48.0143, -47.0142



Tritanopia

103.6000, 26.3262, -90.8572

Trichromacy



Original Color

119.2750, 49.6574, -60.7542

Protanomaly

125.4410, 44.6456, -39.8518

Deuteranomaly

122.1020, 48.7567, -51.8325

Tritanomaly

109.2560, 34.8768, -80.0315

Monochromacy



Original Color

119.2750, 49.6574, -60.7542

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2650, 18.1104, -22.1574

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2750, 49.6574, -60.7542 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(50, 135, 220)` looks like.

```
.text, #text, p{  
    color:rgb(50, 135, 220)  
}
```

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(50, 135, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 135, 220) }
```

Border

The CSS property to change the border of an element to YUV 119.2750, 49.6574, -60.7542 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(50, 135, 220) }
```


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

```
.border{ border-color:rgb(50, 135, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 135, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 135, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 135, 220);  
box-shadow:4px 4px 4px 4px rgb(50, 135,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 119.2750, 49.6574, -60.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 135, 220) }
```

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

```
.background{ background-color: rgb(50, 135,  
220) }
```

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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