

Converting Colors

YUV(107.4580, 62.3852,
-36.3587)

Have a look what the booklet for
YUV(107.4580, 62.3852, -36.3587)
contains.

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Color

**YUV(107.4580, 62.3852,
-36.3587)**

Conversions

Conversions Part 1

Format	Color
Hex	4268EA
RGB	66, 104, 234
RGB Percent	26%, 41%, 92%
CMY	0.7412, 0.5922, 0.0824
CMYK	0.72, 0.56, 0.00, 0.08
HSL	226°, 80%, 59%
HSV	226°, 72%, 92%
XYZ	22.0484, 16.9994, 79.9610
YIQ	107.4580, -64.3780, 32.3740

Conversions

Conversions Part 2

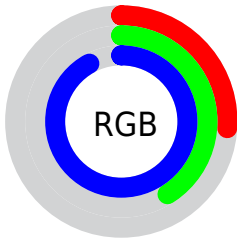
Format	Color
R _Y B	66, 97, 234
Decimal	4352234
CIE Lab	48.26, 30.24, -69.65
CIE LCh	48, 75.931, 293.469
Yxy	16.9994, 0.1853, 0.1428
Android (android.graphics.Color)	4282542314 (0xFF4268EA)
YUV	107.4580, 62.3852, -36.3587
Hunter-Lab	41.2303, 23.3018, -86.1243

Details

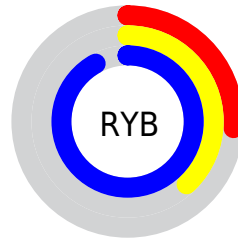
The YUV color **107.4580, 62.3852, -36.3587** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **192.5420, -62.3852, 36.3587**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1210, 46.7753, -22.9081**, and **54.2240, 60.5286, -47.5544** is the 20% darker color. If you saturate the color by 10%, you get **90.0150, 70.9846, -41.2322**, and if you desaturate by 10%, it is **124.9010, 53.7858, -31.4852**.

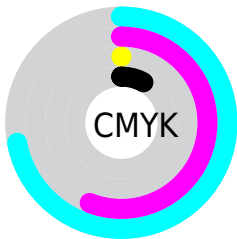
Distribution



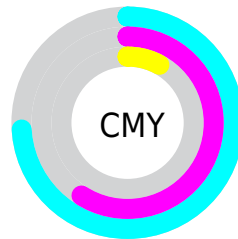
- Red (26%)
- Green (41%)
- Blue (92%)



- Red (26%)
- Yellow (38%)
- Blue (92%)



- Cyan (72%)
- Magenta (56%)
- Yellow (0%)
- Black (8%)



- Cyan (74%)
- Magenta (59%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4580, 62.3852, -36.3587 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 107.4580, 62.3852, -36.3587 by changing the saturation by 10% instead.

■ 107.4580, 62.3852,
-36.3587

■ 107.4580, 62.3852,
-36.3587

255.0000, 0.0000,
0.0000

■ 72.1240, 65.5079,
-57.9907

■ 160.1210, 46.7753,
-22.9081

■ 54.2240, 60.5286,
-47.5544

■ 184.6520, 34.6816,
-17.2348

■ 38.8190, 54.8122,
-34.0443

■ 210.3570, 22.0090,
-12.5911

■ 25.7620, 47.9383,
-22.5933

■ 235.7630, 9.4838,
-8.5622

■ 11.0580, 42.3694,
-9.6979

■ 12.9040, 29.1343,
-11.3168

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 107.4580, 62.3852,
-36.3587

■ 107.4580, 62.3852,
-36.3587

■ 90.0150, 70.9846,
-41.2322

■ 124.9010, 53.7858,
-31.4852

■ 72.2730, 79.7314,
-46.7204

■ 142.6430, 45.0390,
-25.9969

■ 57.7870, 86.8730,
-50.6792

■ 160.0860, 36.4396,
-21.1234

■ 177.8280, 27.6928,
-15.6352

■ 195.8580, 18.8040,
-11.2765

■ 213.3010, 10.2046,
-6.4030

■ 231.0430, 1.4578,
-0.9147

■ 248.4860, -7.1416,
3.9588

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



102.3650, 69.8261, -89.7741



107.4580, 62.3852, -36.3587



113.8410, 38.5324, 54.5134

Triad

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



107.4580, 62.3852, -36.3587



103.2160, -50.8855, 81.3716



93.9390, 2.0021, -82.3845

Complementary

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



107.4580, 62.3852, -36.3587



192.5420, -62.3852, 36.3587

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.



82.7960, -28.0004, -72.6121



107.4580, 62.3852, -36.3587



107.9580, -53.2233, 37.7478

Square

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



107.4580, 62.3852, -36.3587



93.5010, -12.5720, 112.6936



101.1710, -49.8773, -8.9200



102.0500, 30.5414, -89.4978

Rectangle

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



107.4580, 62.3852, -36.3587



100.4780, 25.8933, 95.1738



101.1710, -49.8773, -8.9200



90.1430, -7.4655, -79.0554

Sweetspot

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



107.4580, 62.3852, -36.3587



213.0150, 20.6986, -12.2912



179.3220, 7.7293, -99.3834



102.5720, 12.5360, -7.5176



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.



107.4580, 62.3852, -36.3587



89.7290, 81.4786, -47.1203



98.6070, 66.7487, 10.8687



108.4280, 4.2260, -2.1294



44.7010, 67.1954, -39.2028



13.2000, 20.1144, -11.5764

Inverse Universe

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



120.5640, -8.1661, 99.4834



107.0670, -10.8790, 129.7372



201.3930, -66.7487, -10.8687



109.5170, -0.7479, 6.5626



58.7930, -8.7719, 107.1755



17.5140, -2.7184, 31.9982

Previews

White Background



This preview shows how the YUV color 107.4580, 62.3852, -36.3587 looks on a white background.

Color Contrast Check

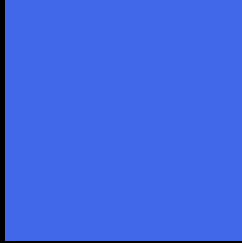
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4580, 62.3852, -36.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

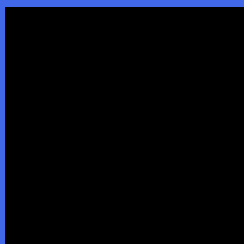
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.4580, 62.3852, -36.3587

Background



This preview shows how black text looks on a background with the YUV color 107.4580, 62.3852, -36.3587.



This preview shows how white text looks on a background with the YUV color 107.4580, 62.3852, -36.3587.

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

107.4580, 62.3852, -36.3587

Protanopia

91.1320, 69.9409, -79.9228

Deuteranopia

91.5930, 53.9377, -80.3271



Tritanopia

89.4660, 22.9413, -78.4617

Trichromacy



Original Color

107.4580, 62.3852, -36.3587

Protanomaly

97.1340, 66.9819, -64.1385

Deuteranomaly

97.2020, 57.0884, -64.1982

Tritanomaly

96.0500, 37.4434, -63.1878

Monochromacy



Original Color

107.4580, 62.3852, -36.3587

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1720, 22.5932, -13.3058

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4580, 62.3852, -36.3587 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(66, 104, 234)` looks like.

```
.text, #text, p{  
    color:rgb(66, 104, 234)  
}
```

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(66, 104, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 104, 234) }
```

Border

The CSS property to change the border of an element to YUV 107.4580, 62.3852, -36.3587 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(66, 104, 234) }
```


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

```
.border{ border-color:rgb(66, 104, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 104, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 104, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 104, 234);  
box-shadow:4px 4px 4px 4px rgb(66, 104,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 107.4580, 62.3852, -36.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 104, 234) }
```

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

```
.background{ background-color: rgb(66, 104,  
234) }
```

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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