

Converting Colors

YUV(108.7470, 57.3127,
-42.7511)

Have a look what the booklet for
YUV(108.7470, 57.3127, -42.7511)
contains.

YUV(108.7470, 57.3127, -42.7511)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(108.7470, 57.3127,
-42.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	3C6FE1
RGB	60, 111, 225
RGB Percent	24%, 44%, 88%
CMY	0.7647, 0.5647, 0.1176
CMYK	0.73, 0.51, 0.00, 0.12
HSL	221°, 73%, 56%
HSV	221°, 73%, 88%
XYZ	21.1385, 17.7658, 73.5492
YIQ	108.7470, -66.9900, 24.6420

Conversions

Conversions Part 2

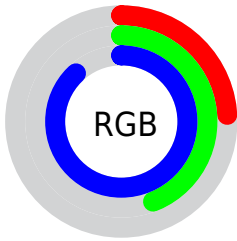
Format	Color
R _{YB}	60, 99, 225
Decimal	3960801
CIE Lab	49.21, 21.85, -63.05
CIE LCh	49, 66.731, 289.116
Yxy	17.7658, 0.1880, 0.1580
Android (android.graphics.Color)	4282150881 (0xFF3C6FE1)
YUV	108.7470, 57.3127, -42.7511
Hunter-Lab	42.1495, 15.7586, -73.9541

Details

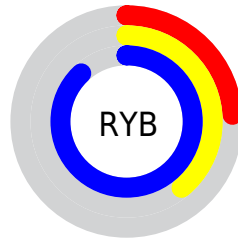
The YUV color **108.7470, 57.3127, -42.7511** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **176.2530, -57.3127, 42.7511**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4360, 45.6341, -30.2004**, and **56.8340, 55.2978, -49.8434** is the 20% darker color. If you saturate the color by 10%, you get **92.7770, 65.1859, -48.0394**, and if you desaturate by 10%, it is **125.0160, 49.2921, -36.8480**.

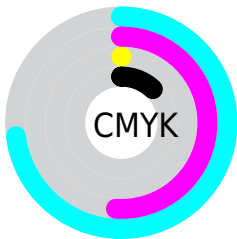
Distribution



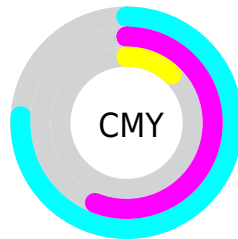
- Red (24%)
- Green (44%)
- Blue (88%)



- Red (24%)
- Yellow (39%)
- Blue (88%)



- Cyan (73%)
- Magenta (51%)
- Yellow (0%)
- Black (12%)



- Cyan (76%)
- Magenta (56%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7470, 57.3127, -42.7511 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 108.7470, 57.3127, -42.7511 by changing the saturation by 10% instead.

■ 108.7470, 57.3127,
-42.7511

■ 108.7470, 57.3127,
-42.7511

■ 255.0000, 0.0000,
0.0000

■ 73.5270, 60.8722,
-64.4832

■ 162.4360, 45.6341,
-30.2004

■ 56.8340, 55.2978,
-49.8434

■ 187.2550, 33.3983,
-25.6566

■ 41.4290, 49.5815,
-36.3332

■ 212.9600, 20.7257,
-21.0129

■ 27.7850, 42.9970,
-24.3674

■ 238.3660, 8.2006,
-16.9840

■ 10.2600, 39.3118,
-8.9980

■ 253.5050, 0.7370,
-3.0739

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 108.7470, 57.3127,
-42.7511

■ 108.7470, 57.3127,
-42.7511

■ 92.7770, 65.1859,
-48.0394

■ 125.0160, 49.2921,
-36.8480

■ 77.0950, 72.9172,
-54.4573

■ 140.3990, 41.7083,
-31.0449

■ 66.7400, 78.0222,
-58.5310

■ 156.3690, 33.8351,
-25.7566

■ 172.0510, 26.1039,
-19.3387

■ 188.3200, 18.0832,
-13.4356

■ 203.7030, 10.4994,
-7.6325

■ 219.9720, 2.4788,
-1.7294

■ 235.3550, -5.1050,
4.0737

■ 249.2320,
-11.9464, 5.0585

Harmonies

Analogous

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



102.4160, 62.4059, -89.8188



108.7470, 57.3127, -42.7511



119.3460, 35.8184, 38.2846

Triad

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



108.7470, 57.3127, -42.7511



109.4570, -39.6653, 75.8982



93.4830, 0.2549, -81.9846

Complementary

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



108.7470, 57.3127, -42.7511



176.2530, -57.3127, 42.7511

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.



89.6880, -27.4542, -61.1164



108.7470, 57.3127, -42.7511



110.0510, -54.2551, 42.0513

Square

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



108.7470, 57.3127, -42.7511



105.5590, -10.6286, 95.9798



105.3680, -51.9464, 1.4313



100.7960, 25.7366, -88.3981

Rectangle

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



108.7470, 57.3127, -42.7511



113.7110, 22.3275, 72.1675



105.3680, -51.9464, 1.4313



90.0290, -7.9023, -78.9554

Sweetspot

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



108.7470, 57.3127, -42.7511



215.3630, 19.5410, -14.3504



169.7370, 1.6087, -96.2393



104.3330, 11.6678, -9.0620



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.



108.7470, 57.3127, -42.7511



97.0390, 77.8748, -57.9162



87.7800, 67.6495, 1.9469



104.0150, 3.9366, -2.6442



51.7620, 61.2493, -45.3953



14.2770, 16.6254, -12.5209

Inverse Universe

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



115.1490, -2.0455, 96.3393



105.8420, -2.8801, 130.8116



197.2200, -67.6495, -1.9469



104.6310, -0.3111, 6.4626



58.7800, -2.3565, 102.8019



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 108.7470, 57.3127, -42.7511 looks on a white background.

Color Contrast Check

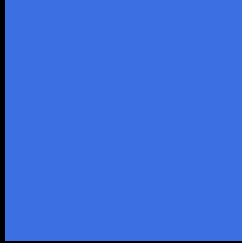
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.7470, 57.3127, -42.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

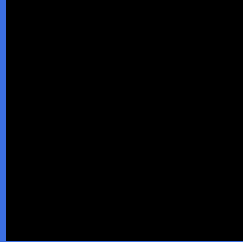
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.7470, 57.3127, -42.7511

Background



This preview shows how black text looks on a background with the YUV color 108.7470, 57.3127, -42.7511.



This preview shows how white text looks on a background with the YUV color 108.7470, 57.3127, -42.7511.

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

108.7470, 57.3127, -42.7511

Protanopia

105.5610, 59.3764, -51.3580

Deuteranopia

93.4510, 55.9797, -81.9565

Trichromacy



Original Color

108.7470, 57.3127, -42.7511

Protanomaly

107.0560, 58.6394, -48.2841

Deuteranomaly

99.0660, 56.6625, -67.5869

Monochromacy



Original Color

108.7470, 57.3127, -42.7511

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9930, 20.7095, -15.7799

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7470, 57.3127, -42.7511 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(60, 111, 225)` looks like.

```
.text, #text, p{  
    color:rgb(60, 111, 225)  
}
```

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(60, 111, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 111, 225) }
```

Border

The CSS property to change the border of an element to YUV 108.7470, 57.3127, -42.7511 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(60, 111, 225) }
```

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

```
.border{ border-color:rgb(60, 111, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 111, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 111, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 111, 225);  
box-shadow:4px 4px 4px 4px rgb(60, 111,  
225) }
```


Background

The CSS property to change the background color of an element to YUV 108.7470, 57.3127, -42.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 111, 225) }
```

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

```
.background{ background-color: rgb(60, 111,  
225) }
```

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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