

Converting Colors

YUV(127.9050, 34.0638,
-52.5367)

Have a look what the booklet for
YUV(127.9050, 34.0638, -52.5367)
contains.

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Color

**YUV(127.9050, 34.0638,
-52.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	4491C5
RGB	68, 145, 197
RGB Percent	27%, 57%, 77%
CMY	0.7333, 0.4314, 0.2275
CMYK	0.65, 0.26, 0.00, 0.23
HSL	204°, 53%, 52%
HSV	204°, 65%, 77%
XYZ	22.5873, 25.5110, 56.5570
YIQ	127.9050, -62.5840, -0.1520

Conversions

Conversions Part 2

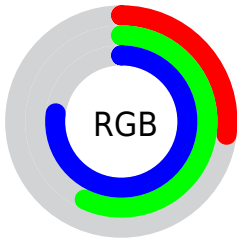
Format	Color
R _Y B	68, 116, 197
Decimal	4493765
CIE Lab	57.57, -7.41, -33.93
CIE LCh	58, 34.725, 257.681
Yxy	25.5110, 0.2158, 0.2438
Android (android.graphics.Color)	4282683845 (0xFF4491C5)
YUV	127.9050, 34.0638, -52.5367
Hunter-Lab	50.5084, -8.5645, -31.0343

Details

The YUV color `127.9050, 34.0638, -52.5367` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `137.0950, -34.0638, 52.5367`, and the grayscale version is `128.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `184.0410, 34.4898, -49.1480`, and `72.0670, 34.9700, -63.2028` is the 20% darker color. If you saturate the color by 10%, you get `117.2290, 39.3271, -60.7138`, and if you desaturate by 10%, it is `138.5810, 28.8006, -44.3595`.

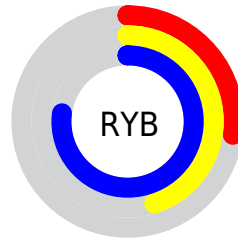
Distribution



Red (27%)

Green (57%)

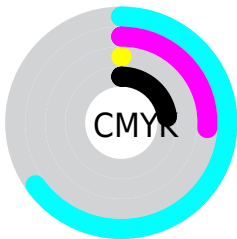
Blue (77%)



Red (27%)

Yellow (45%)

Blue (77%)

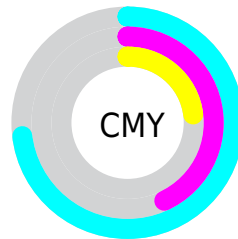


Cyan (65%)

Magenta (26%)

Yellow (0%)

Black (23%)



Cyan (73%)

Magenta (43%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9050, 34.0638, -52.5367 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 127.9050, 34.0638, -52.5367 by changing the saturation by 10% instead.

■ 127.9050, 34.0638,
-52.5367

■ 127.9050, 34.0638,
-52.5367

■ 255.0000, 0.0000,
0.0000

■ 98.2030, 35.3959,
-59.8140

■ 184.0410, 34.4898,
-49.1480

■ 72.0670, 34.9700,
-63.2028

■ 209.5610, 22.4014,
-45.2190

■ 55.0150, 30.5586,
-48.2482

■ 234.6680, 10.0237,
-41.8048

■ 39.2510, 26.0053,
-34.4231

■ 243.3390, 5.7489,
-23.9763

■ 24.7750, 21.3099,
-21.7277

■ 252.3090, 1.3267,
-5.5330

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 127.9050, 34.0638,
-52.5367

■ 127.9050, 34.0638,
-52.5367

■ 117.2290, 39.3271,
-60.7138

■ 138.5810, 28.8006,
-44.3595

■ 106.8520, 44.4430,
-68.2762

■ 148.9580, 23.6847,
-36.7972

■ 96.1760, 49.7062,
-76.4534

■ 159.6340, 18.4214,
-28.6200

■ 91.7240, 51.9011,
-80.4419

■ 170.3100, 13.1582,
-20.4429

■ 180.9860, 7.8949,
-12.2657

■ 191.3630, 2.7790,
-4.7034

■ 202.0390, -2.4842,
3.4738

■ 212.7150, -7.7475,
11.6509

■ 222.5050,
-12.5740, 19.7281

Harmonies

Analogous

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



109.9720, 35.5098, -96.4454



127.9050, 34.0638, -52.5367



138.3660, 28.4136, -13.4760

Triad

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



127.9050, 34.0638, -52.5367



140.2020, -9.4666, 49.8118



129.8020, -16.6644, -21.7514

Complementary

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



127.9050, 34.0638, -52.5367



137.0950, -34.0638, 52.5367

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.



134.2200, -27.2235, 5.0691



127.9050, 34.0638, -52.5367



138.9550, -21.6698, 43.8895

Square

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



127.9050, 34.0638, -52.5367



141.9310, 4.9640, 41.2795



137.0210, -28.6044, 28.0456



123.6700, 0.1627, -52.3306

Rectangle

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



127.9050, 34.0638, -52.5367



141.2010, 22.0859, 9.4707



137.0210, -28.6044, 28.0456



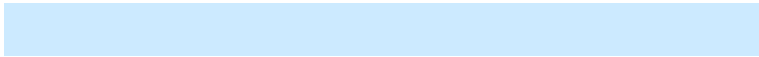
131.7170, -21.0595, -12.0298

Sweetspot

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



127.9050, 34.0638, -52.5367



227.4240, 13.5950, -20.5428



149.6510, -14.6179, -71.6079



111.1000, 8.3317, -12.3657



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.



127.9050, 34.0638, -52.5367



147.3540, 53.0695, -81.8715



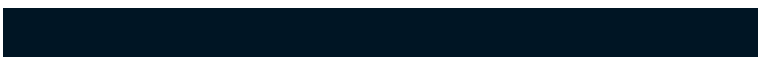
90.3370, 52.5849, -19.5895



93.9610, 2.4842, -3.4738



75.5210, 43.1271, -66.2319



16.4310, 9.6475, -14.4100

Inverse Universe

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



115.3490, 14.6179, 71.6079



127.7790, 22.7870, 111.5728



174.6630, -52.5849, 19.5895



93.2610, 0.8573, 5.0331



59.7950, 18.3421, 90.5108



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 127.9050, 34.0638, -52.5367 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 127.9050, 34.0638, -52.5367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

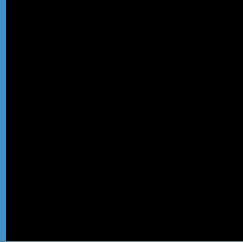
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

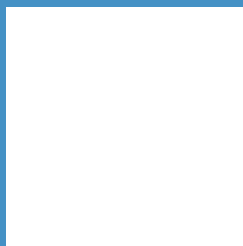
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.9050, 34.0638, -52.5367

Background



This preview shows how black text looks on a background with the YUV color 127.9050, 34.0638, -52.5367.

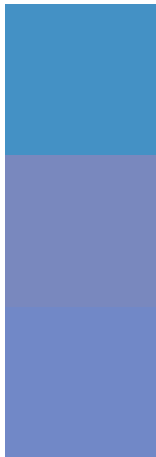


This preview shows how white text looks on a background with the YUV color 127.9050, 34.0638, -52.5367.

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

127.9050, 34.0638, -52.5367

Protanopia

137.6710, 25.7982, -14.6205

Deuteranopia

136.3050, 30.9086, -20.4385



Tritanopia

121.9840, 20.7139, -64.0070

Trichromacy



Original Color

127.9050, 34.0638, -52.5367

Protanomaly

134.0930, 29.0412, -28.1456

Deuteranomaly

133.1680, 31.9622, -31.7193

Tritanomaly

124.2710, 25.5024, -59.8737

Monochromacy



Original Color

127.9050, 34.0638, -52.5367

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7940, 12.4266, -19.1133

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9050, 34.0638, -52.5367 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(68, 145, 197)` looks like.

```
.text, #text, p{  
    color:rgb(68, 145, 197)  
}
```

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(68, 145, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 145, 197) }
```

Border

The CSS property to change the border of an element to YUV 127.9050, 34.0638, -52.5367 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(68, 145, 197) }
```


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

```
.border{ border-color:rgb(68, 145, 197) }
```

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

Here you see how a box with a 4 pixel rgb(68, 145, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 145, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 145, 197);  
box-shadow:4px 4px 4px 4px rgb(68, 145,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 127.9050, 34.0638, -52.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 145, 197) }
```

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

```
.background{ background-color: rgb(68, 145,  
197) }
```

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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