

Converting Colors

YUV(119.9830, 32.5464,
-32.4341)

Have a look what the booklet for
YUV(119.9830, 32.5464, -32.4341)
contains.

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Color

**YUV(119.9830, 32.5464,
-32.4341)**

Conversions

Conversions Part 1

Format	Color
Hex	537EBA
RGB	83, 126, 186
RGB Percent	33%, 49%, 73%
CMY	0.6745, 0.5059, 0.2706
CMYK	0.55, 0.32, 0.00, 0.27
HSL	215°, 43%, 53%
HSV	215°, 55%, 73%
XYZ	19.8911, 20.3059, 49.3254
YIQ	119.9830, -44.8880, 9.5440

Conversions

Conversions Part 2

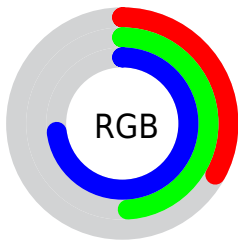
Format	Color
R _Y B	83, 113, 186
Decimal	5471930
CIE Lab	52.18, 2.97, -36.05
CIE LCh	52, 36.171, 274.709
Yxy	20.3059, 0.2222, 0.2268
Android (android.graphics.Color)	4283662010 (0xFF537EBA)
YUV	119.9830, 32.5464, -32.4341
Hunter-Lab	45.0620, -0.0660, -33.3561

Details

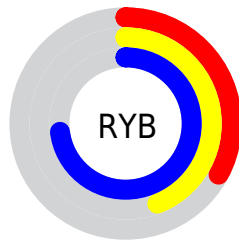
The YUV color **119.9830, 32.5464, -32.4341** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **149.0170, -32.5464, 32.4341**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6350, 33.7039, -30.3749**, and **65.3300, 32.8683, -42.3854** is the 20% darker color. If you saturate the color by 10%, you get **107.8450, 38.5304, -38.4521**, and if you desaturate by 10%, it is **132.1210, 26.5623, -26.4161**.

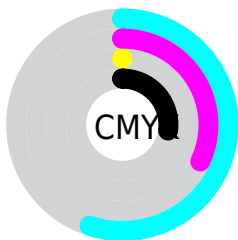
Distribution



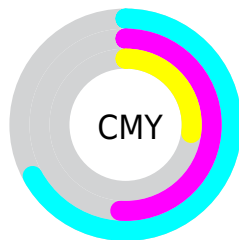
- Red (33%)
- Green (49%)
- Blue (73%)



- Red (33%)
- Yellow (44%)
- Blue (73%)



- Cyan (55%)
- Magenta (32%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9830, 32.5464, -32.4341 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 119.9830, 32.5464, -32.4341 by changing the saturation by 10% instead.

■ 119.9830, 32.5464,
-32.4341

■ 119.9830, 32.5464,
-32.4341

■ 255.0000, 0.0000,
0.0000

■ 93.5590, 32.2624,
-34.6932

■ 173.6350, 33.7039,
-30.3749

■ 65.3300, 32.8683,
-42.3854

■ 199.9250, 27.1520,
-28.8752

■ 44.4830, 30.8209,
-39.0116

■ 225.0320, 14.7742,
-25.4611

■ 29.3060, 25.9781,
-25.7014

■ 246.0300, 4.4222,
-18.4433

■ 13.1830, 22.5878,
-11.5615

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 119.9830, 32.5464,
-32.4341

■ 119.9830, 32.5464,
-32.4341

■ 107.8450, 38.5304,
-38.4521

■ 132.1210, 26.5623,
-26.4161

■ 96.0060, 44.3670,
-43.8553

■ 143.9600, 20.7257,
-21.0129

■ 83.8680, 50.3511,
-49.8732

■ 156.0980, 14.7417,
-14.9949

■ 72.6160, 55.8983,
-55.7912

■ 167.3500, 9.1945,
-9.0769

■ 66.9900, 58.6719,
-58.7502

■ 179.4880, 3.2104,
-3.0590

■ 191.6260, -2.7736,
2.9590

■ 203.4650, -8.6102,
8.3622

■ 215.6030,
-14.5943, 14.3802

■ 227.4420,
-20.4309, 19.7834

Harmonies

Analogous

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



99.7650, 39.5559, -87.4939



119.9830, 32.5464, -32.4341



127.0480, 24.1333, 6.0969

Triad

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



119.9830, 32.5464, -32.4341



124.9540, -16.7393, 49.1523



111.7980, -7.2954, -40.1648

Complementary

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



119.9830, 32.5464, -32.4341



149.0170, -32.5464, 32.4341

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.



117.9730, -22.6647, -10.5003



119.9830, 32.5464, -32.4341



123.5320, -26.8843, 36.3674

Square

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



119.9830, 32.5464, -32.4341



126.6240, -2.7726, 49.4418



121.3030, -29.7294, 15.5203



97.4730, 15.5428, -85.4838

Rectangle

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



119.9830, 32.5464, -32.4341



128.4050, 16.0693, 25.9548



121.3030, -29.7294, 15.5203



114.5560, -13.5851, -29.4286

Sweetspot

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



119.9830, 32.5464, -32.4341



215.6530, 12.9891, -12.8507



150.0730, -4.4730, -58.8230



106.6060, 7.5892, -7.5475



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



119.9830, 32.5464, -32.4341



139.5690, 50.4985, -50.4880



96.8350, 43.9583, -5.9943



85.7870, 3.0630, -2.4442



55.9390, 49.3301, -49.0585



10.2360, 8.7577, -8.9770

Inverse Universe

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



118.6990, 3.5994, 59.0230



137.4780, 5.6803, 91.6658



172.1650, -43.9583, 5.9943



86.0330, -0.0163, 5.2331



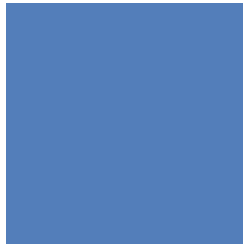
54.0540, 5.3964, 89.4066



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 119.9830, 32.5464, -32.4341 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 119.9830, 32.5464, -32.4341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

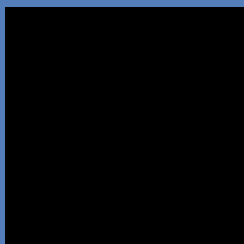
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

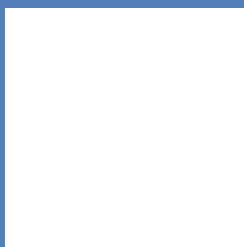
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.9830, 32.5464, -32.4341

Background



This preview shows how black text looks on a background with the YUV color 119.9830, 32.5464, -32.4341.



This preview shows how white text looks on a background with the YUV color 119.9830, 32.5464, -32.4341.

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

119.9830, 32.5464, -32.4341

Protanopia

123.5720, 29.2980, -17.1646

Deuteranopia

121.9240, 32.0825, -23.6123



Tritanopia

115.2210, 14.6810, -42.2898

Trichromacy



Original Color

119.9830, 32.5464, -32.4341

Protanomaly

121.8810, 30.6247, -22.6976

Deuteranomaly

121.3150, 32.3827, -26.5863

Tritanomaly

116.9640, 21.2167, -38.5564

Monochromacy



Original Color

119.9830, 32.5464, -32.4341

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0230, 11.8207, -11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9830, 32.5464, -32.4341 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(83, 126, 186)` looks like.

```
.text, #text, p{  
    color:rgb(83, 126, 186)  
}
```

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(83, 126, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 126, 186) }
```

Border

The CSS property to change the border of an element to YUV 119.9830, 32.5464, -32.4341 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(83, 126, 186) }
```


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

```
.border{ border-color:rgb(83, 126, 186) }
```

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

Here you see how a box with a 4 pixel rgb(83, 126, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 126, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 126, 186);  
box-shadow:4px 4px 4px 4px rgb(83, 126,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 119.9830, 32.5464, -32.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 126, 186) }
```

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

```
.background{ background-color: rgb(83, 126,  
186) }
```

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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