

Converting Colors

YUV(117.9540, 39.9557,
-28.9007)

Have a look what the booklet for
YUV(117.9540, 39.9557, -28.9007)
contains.

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Color

**YUV(117.9540, 39.9557,
-28.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	5577C7
RGB	85, 119, 199
RGB Percent	33%, 47%, 78%
CMY	0.6667, 0.5333, 0.2196
CMYK	0.57, 0.40, 0.00, 0.22
HSL	222°, 50%, 56%
HSV	222°, 57%, 78%
XYZ	20.6519, 19.2485, 56.6597
YIQ	117.9540, -45.9440, 17.6720

Conversions

Conversions Part 2

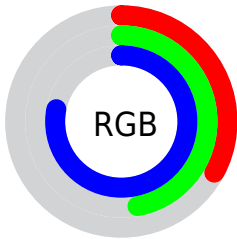
Format	Color
R_{YB}	85, 111, 199
Decimal	5601223
CIE _{Lab}	50.98, 11.90, -45.39
CIE _{LCh}	51, 46.924, 284.690
Yxy	19.2485, 0.2139, 0.1993
Android (android.graphics.Color)	4283791303 (0xFF5577C7)
YUV	117.9540, 39.9557, -28.9007
Hunter-Lab	43.8731, 7.2457, -45.8586

Details

The YUV color **117.9540, 39.9557, -28.9007** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **166.0460, -39.9557, 28.9007**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9050, 40.9658, -26.2267**, and **61.7950, 41.0201, -43.6702** is the 20% darker color. If you saturate the color by 10%, you get **103.7560, 46.9553, -33.9890**, and if you desaturate by 10%, it is **132.1520, 32.9561, -23.8123**.

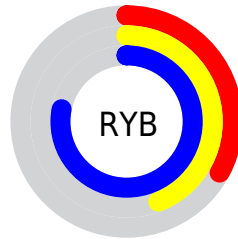
Distribution



Red (33%)

Green (47%)

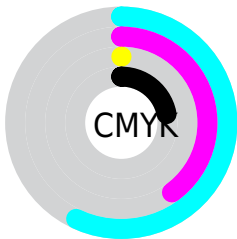
Blue (78%)



Red (33%)

Yellow (44%)

Blue (78%)

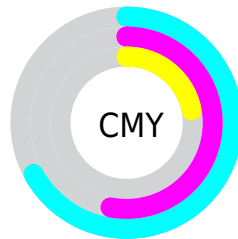


Cyan (57%)

Magenta (40%)

Yellow (0%)

Black (22%)



Cyan (67%)

Magenta (53%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9540, 39.9557, -28.9007 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 117.9540, 39.9557, -28.9007 by changing the saturation by 10% instead.

■ 117.9540, 39.9557,
-28.9007

■ 117.9540, 39.9557,
-28.9007

255.0000, 0.0000,
0.0000

■ 91.4050, 39.2403,
-32.8042

■ 171.9050, 40.9658,
-26.2267

■ 61.7950, 41.0201,
-43.6702

■ 196.4250, 28.8775,
-22.2977

■ 42.2150, 37.3620,
-37.0226

■ 221.5320, 16.4997,
-18.8836

■ 27.6250, 32.2299,
-24.2271

■ 247.5250, 3.6852,
-15.3694

■ 9.0400, 29.5603,
-7.9281

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 117.9540, 39.9557,
-28.9007

■ 117.9540, 39.9557,
-28.9007

■ 103.7560, 46.9553,
-33.9890

■ 132.1520, 32.9561,
-23.8123

■ 89.5580, 53.9549,
-39.0774

■ 146.3500, 25.9565,
-18.7239

■ 75.3600, 60.9545,
-44.1657

■ 160.5480, 18.9568,
-13.6356

■ 61.1620, 67.9541,
-49.2541

■ 174.7460, 11.9572,
-8.5472

■ 57.3190, 69.8487,
-50.2688

■ 188.9440, 4.9576,
-3.4589

■ 202.8430, -1.8946,
1.0147

■ 217.0410, -8.8942,
6.1030

■ 231.2390,
-15.8938, 11.1914

■ 242.7460,
-21.5668, 10.7468

Harmonies

Analogous

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



100.0560, 48.2864, -87.7491



117.9540, 39.9557, -28.9007



125.4180, 26.4159, 20.6814

Triad

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



117.9540, 39.9557, -28.9007



119.6040, -25.9338, 58.2293



93.4660, 2.7283, -81.9697

Complementary

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



117.9540, 39.9557, -28.9007



166.0460, -39.9557, 28.9007

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.



109.9340, -23.6315, -27.1291



117.9540, 39.9557, -28.9007



118.2580, -38.0882, 36.6077

Square

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



117.9540, 39.9557, -28.9007



120.5290, -8.6418, 65.3111



114.7830, -37.8540, 8.0833



98.7270, 20.3476, -86.5836

Rectangle

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



117.9540, 39.9557, -28.9007



124.1130, 15.7203, 44.6279



114.7830, -37.8540, 8.0833



99.7800, -6.7935, -61.1971

Sweetspot

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



117.9540, 39.9557, -28.9007



224.5330, 15.0202, -10.9914



161.0380, 1.9533, -66.6853



109.6600, 9.0416, -6.7178



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.



117.9540, 39.9557, -28.9007



130.1750, 61.5387, -44.8805



104.8730, 46.4046, 2.7424



92.2000, 3.3524, -1.9294



47.3450, 57.0179, -41.5216



10.5610, 12.5414, -9.2620

Inverse Universe

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



122.9620, -1.9533, 66.6853



137.6660, -2.7933, 102.9019



179.1270, -46.4046, -2.7424



92.9190, -0.4531, 5.3330



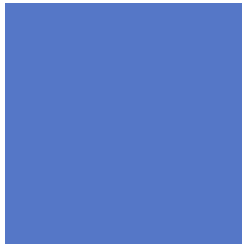
54.3230, -2.6242, 95.3097



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 117.9540, 39.9557, -28.9007 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 117.9540, 39.9557, -28.9007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

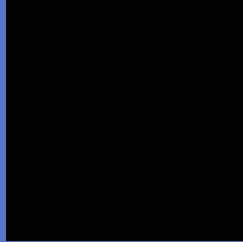
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.9540, 39.9557, -28.9007

Background



This preview shows how black text looks on a background with the YUV color 117.9540, 39.9557, -28.9007.



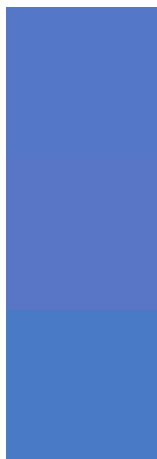
This preview shows how white text looks on a background with the YUV color 117.9540, 39.9557, -28.9007.

-28.9007.

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

117.9540, 39.9557, -28.9007

Protanopia

118.4490, 39.2186, -25.8268

Deuteranopia

115.7140, 40.5670, -38.3372



Tritanopia

111.6230, 14.9759, -43.5194

Trichromacy



Original Color

117.9540, 39.9557, -28.9007

Protanomaly

118.1500, 39.3661, -26.4415

Deuteranomaly

116.6220, 40.1194, -34.7485

Tritanomaly

114.0610, 24.1269, -38.6415

Monochromacy



Original Color

117.9540, 39.9557, -28.9007

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7180, 14.4360, -10.2767

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9540, 39.9557, -28.9007 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(85, 119, 199)` looks like.

```
.text, #text, p{  
    color:rgb(85, 119, 199)  
}
```

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(85, 119, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 119, 199) }
```

Border

The CSS property to change the border of an element to YUV 117.9540, 39.9557, -28.9007 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(85, 119, 199) }
```


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

```
.border{ border-color:rgb(85, 119, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 119, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 119, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 119, 199);  
box-shadow:4px 4px 4px 4px rgb(85, 119,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 117.9540, 39.9557, -28.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 119, 199) }
```

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

```
.background{ background-color: rgb(85, 119,  
199) }
```

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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