

Converting Colors

YUV(133.3320, 39.7693,
-62.5582)

Have a look what the booklet for
YUV(133.3320, 39.7693, -62.5582)
contains.

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Color

**YUV(133.3320, 39.7693,
-62.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9AD6
RGB	62, 154, 214
RGB Percent	24%, 60%, 84%
CMY	0.7569, 0.3961, 0.1608
CMYK	0.71, 0.28, 0.00, 0.16
HSL	204°, 65%, 54%
HSV	204°, 71%, 84%
XYZ	25.6798, 28.9904, 67.8606
YIQ	133.3320, -74.0920, -0.8440

Conversions

Conversions Part 2

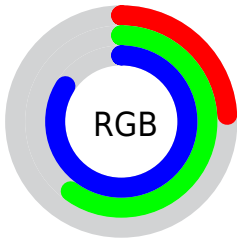
Format	Color
R _Y B	62, 119, 214
Decimal	4102870
CIE Lab	60.77, -7.68, -38.47
CIE LCh	61, 39.229, 258.708
Yxy	28.9904, 0.2096, 0.2366
Android (android.graphics.Color)	4282292950 (0xFF3E9AD6)
YUV	133.3320, 39.7693, -62.5582
Hunter-Lab	53.8427, -9.0907, -37.0361

Details

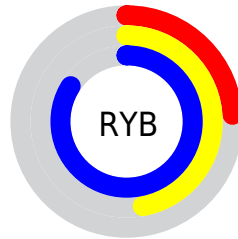
The YUV color $133.3320, 39.7693, -62.5582$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as middle muted azure. A complement of this color would be $142.6680, -39.7693, 62.5582$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.1390, 32.4695, -54.4959$, and $78.5870, 39.6436, -68.9208$ is the 20% darker color. If you saturate the color by 10%, you get $122.3570, 45.1800, -71.3501$, and if you desaturate by 10%, it is $144.3070, 34.3586, -53.7662$.

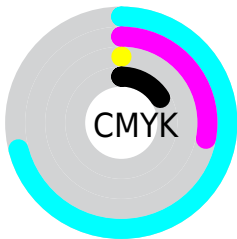
Distribution



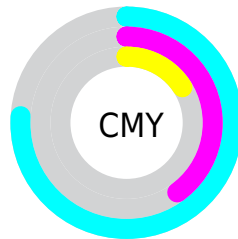
- Red (24%)
- Green (60%)
- Blue (84%)



- Red (24%)
- Yellow (47%)
- Blue (84%)



- Cyan (71%)
- Magenta (28%)
- Yellow (0%)
- Black (16%)



- Cyan (76%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3320, 39.7693, -62.5582 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 133.3320, 39.7693, -62.5582 by changing the saturation by 10% instead.

■ 133.3320, 39.7693,
-62.5582

■ 133.3320, 39.7693,
-62.5582

■ 255.0000, 0.0000,
0.0000

■ 99.0310, 42.8757,
-78.9572

■ 189.1390, 32.4695,
-54.4959

■ 78.5870, 39.6436,
-68.9208

■ 214.5450, 19.9443,
-50.4670

■ 61.5350, 35.2322,
-53.9662

■ 234.6680, 10.0237,
-41.8048

■ 45.6570, 30.2421,
-40.0412

■ 243.6380, 5.6015,
-23.3615

■ 30.4800, 25.3994,
-26.7310

■ 252.6080, 1.1793,
-4.9182

■ 13.1830, 22.5878,
-11.5615

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 133.3320, 39.7693,
-62.5582

■ 133.3320, 39.7693,
-62.5582

■ 122.3570, 45.1800,
-71.3501

■ 144.3070, 34.3586,
-53.7662

■ 110.4960, 51.0275,
-80.2420

■ 156.1680, 28.5112,
-44.8743

■ 100.7060, 55.8539,
-88.3192

■ 167.1430, 23.1005,
-36.0824

■ 179.0040, 17.2530,
-27.1905

■ 189.9790, 11.8424,
-18.3986

■ 201.5410, 6.1423,
-10.1215

■ 212.8150, 0.5842,
-0.7148

■ 224.3770, -5.1159,
7.5624

■ 235.6510,
-10.6739, 16.9691

Harmonies

Analogous

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



117.0790, 39.8941, -102.6783



133.3320, 39.7693, -62.5582



146.9790, 32.0554, -14.8906

Triad

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



133.3320, 39.7693, -62.5582



147.9040, -10.7987, 57.0892



136.7260, -18.1059, -26.0697

Complementary

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



133.3320, 39.7693, -62.5582



142.6680, -39.7693, 62.5582

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.



141.5960, -30.8598, 4.7393



133.3320, 39.7693, -62.5582



146.7770, -25.0331, 49.3076

Square

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



133.3320, 39.7693, -62.5582



150.0890, 5.3791, 48.1569



144.8920, -32.9778, 30.7897



128.0600, 1.9424, -63.1966

Rectangle

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



133.3320, 39.7693, -62.5582



150.3090, 24.9907, 11.1300



144.8920, -32.9778, 30.7897



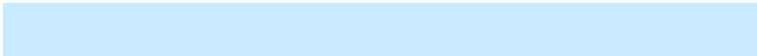
138.7120, -23.5220, -15.5334

Sweetspot

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



133.3320, 39.7693, -62.5582



226.5270, 14.0372, -22.3872



157.8360, -18.6531, -84.0482



110.8010, 8.4791, -12.9805



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.



133.3320, 39.7693, -62.5582



139.6350, 56.8749, -89.1339



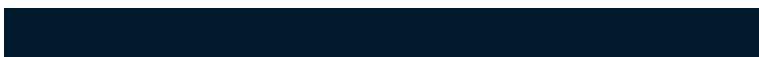
89.8940, 61.1843, -24.4630



101.3630, 2.7790, -4.7034



79.9550, 44.8852, -70.1205



20.1640, 11.2581, -17.6838

Inverse Universe

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



117.9360, 17.7796, 84.2481



117.8170, 25.2332, 120.3095



186.1060, -61.1843, 24.4630



100.0870, 1.4361, 6.0627



62.8710, 19.7836, 94.8291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 133.3320, 39.7693, -62.5582 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 133.3320, 39.7693, -62.5582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

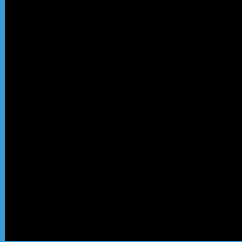
Any Text WCAG AA ✓ Pass

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 133.3320, 39.7693, -62.5582 Background



This preview shows how black text looks on a background with the YUV color 133.3320, 39.7693, -62.5582.

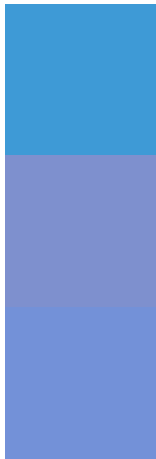


This preview shows how white text looks on a background with the YUV color 133.3320, 39.7693, -62.5582.

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

133.3320, 39.7693, -62.5582

Protanopia

145.6860, 29.7348, -17.2646

Deuteranopia

144.1240, 35.4349, -25.5417



Tritanopia

123.4270, 25.4255, -81.9355

Trichromacy



Original Color

133.3320, 39.7693, -62.5582

Protanomaly

141.4990, 33.2780, -33.7636

Deuteranomaly

140.0900, 36.9306, -38.6669

Tritanomaly

126.8500, 30.6400, -74.4134

Monochromacy



Original Color

133.3320, 39.7693, -62.5582

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2280, 14.1846, -23.0020

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3320, 39.7693, -62.5582 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(62, 154, 214)` looks like.

```
.text, #text, p{  
    color:rgb(62, 154, 214)  
}
```

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(62, 154, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 154, 214) }
```

Border

The CSS property to change the border of an element to YUV 133.3320, 39.7693, -62.5582 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(62, 154, 214) }
```


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

```
.border{ border-color:rgb(62, 154, 214) }
```

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

Here you see how a box with a 4 pixel rgb(62, 154, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 154, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 154, 214);  
box-shadow:4px 4px 4px 4px rgb(62, 154,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 133.3320, 39.7693, -62.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 154, 214) }
```

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

```
.background{ background-color: rgb(62, 154,  
214) }
```

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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