

Converting Colors

YUV(124.7360, 33.6542,
-61.1585)

Have a look what the booklet for
YUV(124.7360, 33.6542, -61.1585)
contains.

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Color

**YUV(124.7360, 33.6542,
-61.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	3793C1
RGB	55, 147, 193
RGB Percent	22%, 58%, 76%
CMY	0.7843, 0.4235, 0.2431
CMYK	0.72, 0.24, 0.00, 0.24
HSL	200°, 56%, 49%
HSV	200°, 72%, 76%
XYZ	21.6349, 25.5299, 54.2396
YIQ	124.7360, -69.5980, -5.1980

Conversions

Conversions Part 2

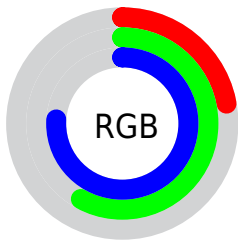
Format	Color
RYB	55, 110, 193
Decimal	3642305
CIELab	57.59, -11.90, -31.67
CIELCh	58, 33.831, 249.400
Yxy	25.5299, 0.2134, 0.2518
Android (android.graphics.Color)	4281832385 (0xFF3793C1)
YUV	124.7360, 33.6542, -61.1585
Hunter-Lab	50.5271, -11.9917, -28.2773

Details

The YUV color **124.7360, 33.6542, -61.1585** 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 **123.2640, -33.6542, 61.1585**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0680, 33.4905, -55.3106**, and **72.7850, 32.6440, -63.8324** is the 20% darker color. If you saturate the color by 10%, you get **115.5330, 38.1912, -69.7504**, and if you desaturate by 10%, it is **133.9390, 29.1171, -52.5665**.

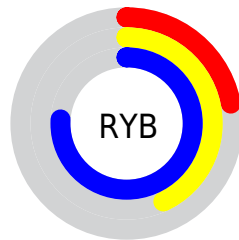
Distribution



Red (22%)

Green (58%)

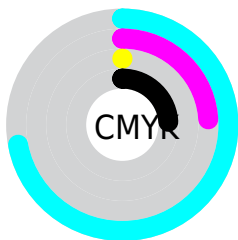
Blue (76%)



Red (22%)

Yellow (43%)

Blue (76%)

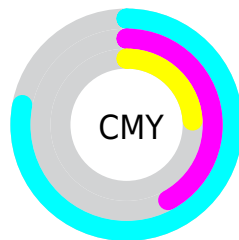


Cyan (72%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.7360, 33.6542, -61.1585 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 124.7360, 33.6542, -61.1585 by changing the saturation by 10% instead.

■ 124.7360, 33.6542,
-61.1585

■ 124.7360, 33.6542,
-61.1585

■ 255.0000, 0.0000,
0.0000

■ 89.9510, 37.4922,
-78.8870

■ 182.0680, 33.4905,
-55.3106

■ 72.7850, 32.6440,
-63.8324

■ 207.7450, 23.2967,
-52.3964

■ 55.8470, 28.6694,
-48.9778

■ 231.9770, 11.3503,
-47.3378

■ 39.4960, 24.4055,
-34.6380

■ 240.6480, 7.0755,
-29.5093

■ 25.0200, 19.7101,
-21.9425

■ 249.6180, 2.6533,
-11.0660

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 124.7360, 33.6542,
-61.1585

■ 124.7360, 33.6542,
-61.1585

■ 115.5330, 38.1912,
-69.7504

■ 133.9390, 29.1171,
-52.5665

■ 105.4440, 43.1651,
-78.4424

■ 144.0280, 24.1432,
-43.8746

■ 97.7250, 46.9706,
-85.7048

■ 153.2310, 19.6061,
-35.2826

■ 163.0210, 14.7796,
-27.2054

■ 172.5230, 10.0952,
-17.9987

■ 182.3130, 5.2687,
-9.9215

■ 191.5160, 0.7316,
-1.3295

■ 200.7190, -3.8055,
7.2624

■ 210.8080, -8.7793,
15.9544

Harmonies

Analogous

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



109.1740, 32.4522, -95.7456



124.7360, 33.6542, -61.1585



136.2400, 29.4617, -23.0125

Triad

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



124.7360, 33.6542, -61.1585



140.6300, -5.2406, 47.6825



132.0480, -19.7437, -14.0741

Complementary

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



124.7360, 33.6542, -61.1585



123.2640, -33.6542, 61.1585

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.



135.4380, -27.8239, 11.0169



124.7360, 33.6542, -61.1585



139.4760, -18.4757, 46.0635

Square

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



124.7360, 33.6542, -61.1585



142.2230, 8.7641, 35.7614



137.5100, -26.8734, 32.8787



126.1830, -4.5272, -41.3795

Rectangle

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



124.7360, 33.6542, -61.1585



140.7160, 24.2970, 0.2491



137.5100, -26.8734, 32.8787



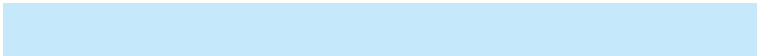
132.8920, -23.1178, -5.1673

Sweetspot

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



124.7360, 33.6542, -61.1585



223.5870, 13.0216, -23.3168



141.2500, -19.8433, -75.6412



109.8610, 7.4635, -13.9101



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



124.7360, 33.6542, -61.1585



143.4510, 52.5287, -95.1115



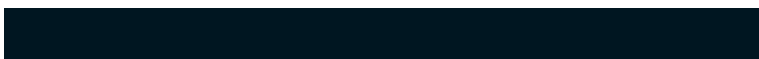
84.2330, 53.6221, -25.6373



92.2490, 2.3422, -4.6034



81.1630, 39.3596, -71.1800



16.6760, 8.0477, -14.6249

Inverse Universe

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



106.7500, 19.8433, 75.6413



115.5870, 30.7696, 117.8802



163.7670, -53.6221, 25.6373



90.7880, 1.5835, 5.4479



60.3370, 23.0049, 88.2815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 124.7360, 33.6542, -61.1585 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 124.7360, 33.6542, -61.1585 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 124.7360, 33.6542, -61.1585

Background



This preview shows how black text looks on a background with the YUV color 124.7360, 33.6542, -61.1585.



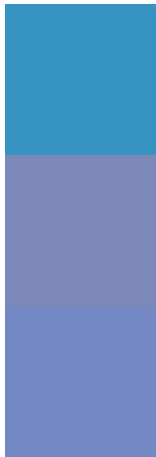
This preview shows how white text looks on a background with the YUV color 124.7360, 33.6542, -61.1585.

-61.1585.

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

124.7360, 33.6542, -61.1585

Protanopia

137.8840, 22.7352, -12.1763

Deuteranopia

136.7460, 28.7192, -18.1942



Tritanopia

117.9010, 23.2198, -74.4582

Trichromacy



Original Color

124.7360, 33.6542, -61.1585

Protanomaly

133.0990, 26.5732, -29.9048

Deuteranomaly

132.4020, 30.3678, -33.6786

Tritanomaly

120.2590, 26.9873, -69.5101

Monochromacy



Original Color

124.7360, 33.6542, -61.1585

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0710, 12.2900, -21.9873

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.7360, 33.6542, -61.1585 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(55, 147, 193)` looks like.

```
.text, #text, p{  
    color:rgb(55, 147, 193)  
}
```

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(55, 147, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 147, 193) }
```

Border

The CSS property to change the border of an element to YUV 124.7360, 33.6542, -61.1585 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

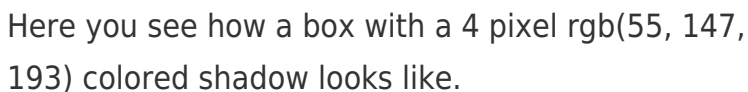
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(55, 147, 193) }
```


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

```
.border{ border-color:rgb(55, 147, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(55, 147, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 147, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 147, 193);  
box-shadow:4px 4px 4px 4px rgb(55, 147,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 124.7360, 33.6542, -61.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 147, 193) }
```

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

```
.background{ background-color: rgb(55, 147,  
193) }
```

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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