

Converting Colors

YUV(135.7560, 40.0533,
-60.2990)

Have a look what the booklet for
YUV(135.7560, 40.0533, -60.2990)
contains.

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Color

**YUV(135.7560, 40.0533,
-60.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	439BD9
RGB	67, 155, 217
RGB Percent	26%, 61%, 85%
CMY	0.7373, 0.3922, 0.1490
CMYK	0.69, 0.29, 0.00, 0.15
HSL	205°, 66%, 56%
HSV	205°, 69%, 85%
XYZ	26.5605, 29.6457, 69.9680
YIQ	135.7560, -72.3500, 0.6260

Conversions

Conversions Part 2

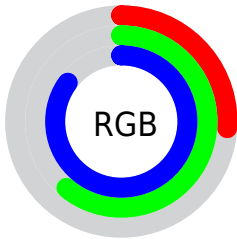
Format	Color
R _Y B	67, 122, 217
Decimal	4430809
CIE Lab	61.35, -6.50, -39.23
CIE LCh	61, 39.766, 260.588
Yxy	29.6457, 0.2105, 0.2350
Android (android.graphics.Color)	4282620889 (0xFF439BD9)
YUV	135.7560, 40.0533, -60.2990
Hunter-Lab	54.4479, -8.2089, -38.0767

Details

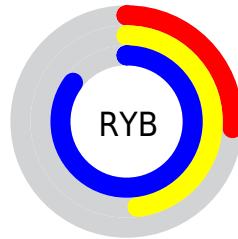
The YUV color $135.7560, 40.0533, -60.2990$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as middle muted azure. A complement of this color would be $148.2440, -40.0533, 60.2990$, and the grayscale version is $135.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.9220, 31.5905, -52.5516$, and $79.5160, 40.6646, -69.7355$ is the 20% darker color. If you saturate the color by 10%, you get $123.8950, 45.9008, -69.1909$, and if you desaturate by 10%, it is $147.6170, 34.2058, -51.4071$.

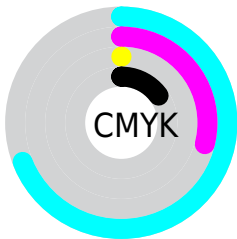
Distribution



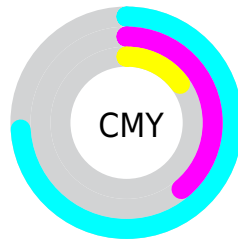
- Red (26%)
- Green (61%)
- Blue (85%)



- Red (26%)
- Yellow (48%)
- Blue (85%)



- Cyan (69%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)



- Cyan (74%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7560, 40.0533, -60.2990 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 135.7560, 40.0533, -60.2990 by changing the saturation by 10% instead.

■ 135.7560, 40.0533,
-60.2990

■ 135.7560, 40.0533,
-60.2990

■ 255.0000, 0.0000,
0.0000

■ 103.8470, 41.9804,
-71.7798

■ 190.9220, 31.5905,
-52.5516

■ 79.5160, 40.6646,
-69.7355

■ 216.3280, 19.0653,
-48.5227

■ 62.3500, 35.8165,
-54.6809

■ 235.8640, 9.4340,
-39.3457

■ 46.5860, 31.2631,
-40.8559

■ 244.8340, 5.0118,
-20.9024

■ 30.8220, 26.7098,
-27.0309

■ 253.8040, 0.5896,
-2.4591

■ 15.7590, 22.3038,
-13.8206

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 135.7560, 40.0533,
-60.2990

■ 135.7560, 40.0533,
-60.2990

■ 123.8950, 45.9008,
-69.1909

■ 147.6170, 34.2058,
-51.4071

■ 112.3330, 51.6008,
-77.4680

■ 159.1790, 28.5058,
-43.1300

■ 100.4720, 57.4483,
-86.3599

■ 171.0400, 22.6583,
-34.2381

■ 99.2870, 58.0325,
-87.0747

■ 182.9010, 16.8108,
-25.3462

■ 194.7620, 10.9633,
-16.4543

■ 206.3240, 5.2633,
-8.1771

■ 218.1850, -0.5842,
0.7148

■ 230.0460, -6.4317,
9.6067

■ 239.5150,
-11.0999, 13.5803

Harmonies

Analogous

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



118.7090, 41.0625, -104.1078



135.7560, 40.0533, -60.2990



148.7020, 32.1919, -12.0167

Triad

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



135.7560, 40.0533, -60.2990



149.8610, -12.2565, 58.0039



138.1170, -17.8057, -29.0436

Complementary

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



135.7560, 40.0533, -60.2990



148.2440, -40.0533, 60.2990

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.



143.1720, -31.1438, 2.4802



135.7560, 40.0533, -60.2990



148.4350, -26.3435, 49.6075

Square

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



135.7560, 40.0533, -60.2990



151.5730, 4.6475, 49.4865



146.0660, -33.5565, 29.7601



128.0810, 3.4111, -67.6000

Rectangle

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



135.7560, 40.0533, -60.2990



151.9180, 24.6904, 14.1039



146.0660, -33.5565, 29.7601



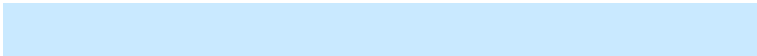
139.8150, -23.0798, -17.3778

Sweetspot

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



135.7560, 40.0533, -60.2990



225.9400, 14.3266, -21.8724



161.8900, -17.2008, -83.2185



110.2140, 8.7685, -12.4657



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.



135.7560, 40.0533, -60.2990



140.5430, 56.4273, -85.5452



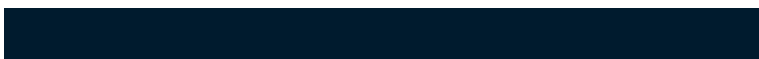
92.9050, 61.1788, -22.7187



103.7760, 3.0684, -4.1886



79.5960, 46.0482, -69.8057



21.0930, 12.2792, -18.4986

Inverse Universe

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



121.8820, 16.3272, 83.4185



120.6380, 23.3495, 117.8355



191.0950, -61.1788, 22.7187



102.9730, 0.9993, 6.1627



63.3550, 19.0520, 96.1587



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 135.7560, 40.0533, -60.2990 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 135.7560, 40.0533, -60.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

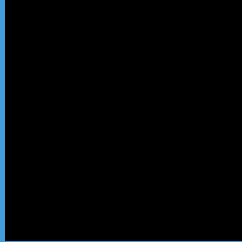
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.7560, 40.0533, -60.2990

Background



This preview shows how black text looks on a background with the YUV color 135.7560, 40.0533, -60.2990.



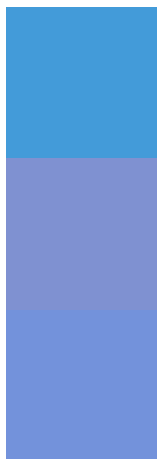
This preview shows how white text looks on a background with the YUV color 135.7560, 40.0533, -60.2990.

-60.2990.

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

135.7560, 40.0533, -60.2990

Protanopia

146.9140, 30.6084, -17.4646

Deuteranopia

145.0530, 36.4559, -26.3565



Tritanopia

127.1070, 24.1042, -78.1468

Trichromacy



Original Color

135.7560, 40.0533, -60.2990

Protanomaly

143.0260, 34.0042, -33.3488

Deuteranomaly

141.6170, 37.6568, -38.2521

Tritanomaly

130.3450, 29.9029, -71.3396

Monochromacy



Original Color

135.7560, 40.0533, -60.2990

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9400, 14.3266, -21.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7560, 40.0533, -60.2990 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(67, 155, 217)` looks like.

```
.text, #text, p{  
    color:rgb(67, 155, 217)  
}
```

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(67, 155, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 155, 217) }
```

Border

The CSS property to change the border of an element to YUV 135.7560, 40.0533, -60.2990 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(67, 155, 217) }
```


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

```
.border{ border-color:rgb(67, 155, 217) }
```

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

Here you see how a box with a 4 pixel rgb(67, 155, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 155, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 155, 217);  
box-shadow:4px 4px 4px 4px rgb(67, 155,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 135.7560, 40.0533, -60.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 155, 217) }
```

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

```
.background{ background-color: rgb(67, 155,  
217) }
```

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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