

Converting Colors

YUV(145.0330, 39.9167,
-63.1729)

Have a look what the booklet for
YUV(145.0330, 39.9167, -63.1729)
contains.

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Color

**YUV(145.0330, 39.9167,
-63.1729)**

Conversions

Conversions Part 1

Format	Color
Hex	49A6E2
RGB	73, 166, 226
RGB Percent	29%, 65%, 89%
CMY	0.7137, 0.3490, 0.1137
CMYK	0.68, 0.27, 0.00, 0.11
HSL	204°, 73%, 59%
HSV	204°, 68%, 89%
XYZ	30.1113, 34.1799, 76.9618
YIQ	145.0330, -74.6880, -1.0560

Conversions

Conversions Part 2

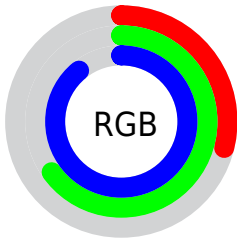
Format	Color
R _Y B	73, 131, 226
Decimal	4826850
CIE Lab	65.11, -8.74, -38.32
CIE LCh	65, 39.304, 257.155
Yxy	34.1799, 0.2132, 0.2420
Android (android.graphics.Color)	4283016930 (0xFF49A6E2)
YUV	145.0330, 39.9167, -63.1729
Hunter-Lab	58.4636, -10.3758, -37.1253

Details

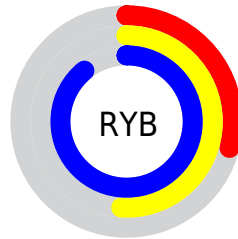
The YUV color **145.0330, 39.9167, -63.1729** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **153.9670, -39.9167, 63.1729**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.7600, 27.2333, -55.0405**, and **86.2980, 41.2651, -75.6833** is the 20% darker color. If you saturate the color by 10%, you get **132.8730, 45.9116, -72.6796**, and if you desaturate by 10%, it is **157.1930, 33.9219, -53.6663**.

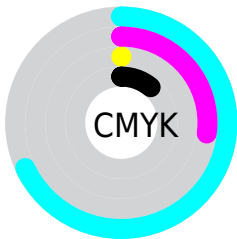
Distribution



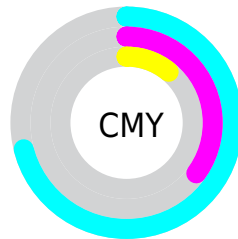
- Red (29%)
- Green (65%)
- Blue (89%)



- Red (29%)
- Yellow (51%)
- Blue (89%)



- Cyan (68%)
- Magenta (27%)
- Yellow (0%)
- Black (11%)



- Cyan (71%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.0330, 39.9167, -63.1729 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 145.0330, 39.9167, -63.1729 by changing the saturation by 10% instead.

■ 145.0330, 39.9167,
-63.1729

■ 145.0330, 39.9167,
-63.1729

255.0000, 0.0000,
0.0000

■ 114.0210, 41.4016,
-72.8094

■ 199.7600, 27.2333,
-55.0405

■ 86.2980, 41.2651,
-75.6833

■ 225.1660, 14.7082,
-51.0116

■ 69.2460, 36.8537,
-60.7287

■ 237.6580, 8.5496,
-35.6571

■ 52.7810, 32.1530,
-46.2889

■ 246.6280, 4.1274,
-17.2138

■ 37.0170, 27.5996,
-32.4639

■ 22.5410, 22.9043,
-19.7685

■ 7.5920, 18.9351,

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 145.0330, 39.9167,
-63.1729

■ 145.0330, 39.9167,
-63.1729

■ 132.8730, 45.9116,
-72.6796

■ 157.1930, 33.9219,
-53.6663

■ 121.0120, 51.7591,
-81.5715

■ 169.0540, 28.0744,
-44.7744

■ 108.8520, 57.7540,
-91.0782

■ 181.2140, 22.0795,
-35.2677

■ 106.1830, 59.0698,
-93.1225

■ 192.4880, 16.5214,
-25.8610

■ 204.6480, 10.5265,
-16.3543

■ 216.8080, 4.5317,
-6.8476

■ 228.6690, -1.3158,
2.0443

■ 240.8290, -7.3107,
11.5510

■ 246.4110,
-10.0626, 7.5326

Harmonies

Analogous

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



125.3770, 41.2261, -109.9556



145.0330, 39.9167, -63.1729



158.1960, 32.9344, -16.8349

Triad

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



145.0330, 39.9167, -63.1729



160.3170, -10.5093, 57.6040



148.9820, -19.7111, -24.5402

Complementary

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



145.0330, 39.9167, -63.1729



153.9670, -39.9167, 63.1729

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.



153.0800, -31.5914, 6.0688



145.0330, 39.9167, -63.1729



158.7880, -25.0385, 51.0519

Square

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



145.0330, 39.9167, -63.1729



162.3170, 6.2527, 47.9570



156.7890, -33.4200, 32.6340



140.9140, 0.0424, -60.4376

Rectangle

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



145.0330, 39.9167, -63.1729



161.8250, 25.7223, 9.8005



156.7890, -33.4200, 32.6340



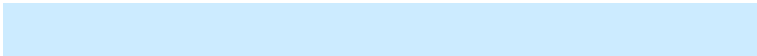
150.3810, -24.8378, -13.4891

Sweetspot

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



145.0330, 39.9167, -63.1729



228.0110, 13.3056, -21.0576



169.5370, -18.5057, -84.6629



111.6870, 8.0423, -12.8805



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.



145.0330, 39.9167, -63.1729



145.5600, 53.9539, -85.5601



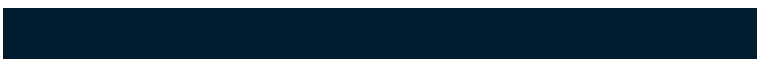
101.0080, 61.6211, -24.5630



106.3630, 2.7790, -4.7034



82.8730, 45.9116, -72.6796



22.4950, 12.5740, -19.7281

Inverse Universe

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



129.3490, 18.0689, 84.7629



124.2570, 24.5233, 114.6616



197.9920, -61.6211, 24.5630



105.0870, 1.4361, 6.0627



64.8220, 20.7938, 97.5031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 145.0330, 39.9167, -63.1729 looks on a white background.

Color Contrast Check

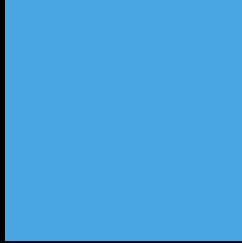
Large Text (above 18pt) WCAG AA × Fail

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 145.0330, 39.9167, -63.1729 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 ✓ Pass

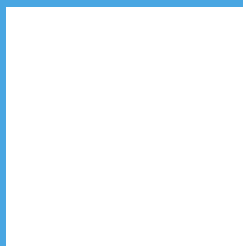
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.0330, 39.9167, -63.1729

Background



This preview shows how black text looks on a background with the YUV color 145.0330, 39.9167, -63.1729.

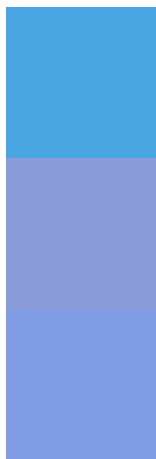


This preview shows how white text looks on a background with the YUV color 145.0330, 39.9167, -63.1729.

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

145.0330, 39.9167, -63.1729

Protanopia

156.9850, 29.5874, -16.6498

Deuteranopia

155.8360, 35.5769, -24.4122



Tritanopia

137.2210, 24.5410, -78.2468

Trichromacy



Original Color

145.0330, 39.9167, -63.1729

Protanomaly

152.4990, 33.2780, -33.7636

Deuteranomaly

152.0900, 36.9306, -38.6669

Tritanomaly

139.7470, 30.1977, -72.5691

Monochromacy



Original Color

145.0330, 39.9167, -63.1729

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.2280, 14.1846, -23.0020

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0330, 39.9167, -63.1729 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(73, 166, 226)` looks like.

```
.text, #text, p{  
    color:rgb(73, 166, 226)  
}
```

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(73, 166, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 166, 226) }
```

Border

The CSS property to change the border of an element to YUV 145.0330, 39.9167, -63.1729 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(73, 166, 226) }
```


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

```
.border{ border-color:rgb(73, 166, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 166, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 166, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 166, 226);  
box-shadow:4px 4px 4px 4px rgb(73, 166,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 145.0330, 39.9167, -63.1729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 166, 226) }
```

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

```
.background{ background-color: rgb(73, 166,  
226) }
```

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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