

Converting Colors

YUV(124.8090, 39.5342,
-80.5165)

Have a look what the booklet for
YUV(124.8090, 39.5342, -80.5165)
contains.

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Color

**YUV(124.8090, 39.5342,
-80.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	219CCD
RGB	33, 156, 205
RGB Percent	13%, 61%, 80%
CMY	0.8706, 0.3882, 0.1961
CMYK	0.84, 0.24, 0.00, 0.20
HSL	197°, 72%, 47%
HSV	197°, 84%, 80%
XYZ	23.5351, 28.5080, 62.0198
YIQ	124.8090, -89.0370, -10.8370

Conversions

Conversions Part 2

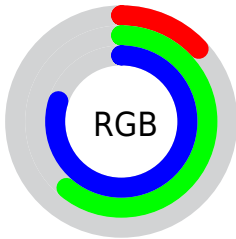
Format	Color
R_{YB}	33, 105, 205
Decimal	2202829
CIE _{Lab}	60.34, -15.10, -34.16
CIE _{LCh}	60, 37.347, 246.156
Yxy	28.5080, 0.2063, 0.2499
Android (android.graphics.Color)	4280392909 (0xFF219CCD)
YUV	124.8090, 39.5342, -80.5165
Hunter-Lab	53.3929, -14.7565, -31.4946

Details

The YUV color **124.8090, 39.5342, -80.5165** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **113.1910, -39.5342, 80.5165**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5180, 34.2546, -67.1063**, and **78.8490, 35.5704, -69.1506** is the 20% darker color. If you saturate the color by 10%, you get **115.0080, 44.3661, -90.3380**, and if you desaturate by 10%, it is **134.6100, 34.7023, -70.6950**.

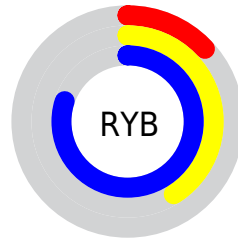
Distribution



Red (13%)

Green (61%)

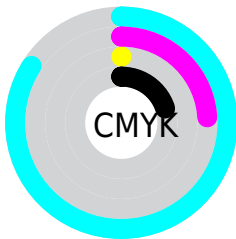
Blue (80%)



Red (13%)

Yellow (41%)

Blue (80%)

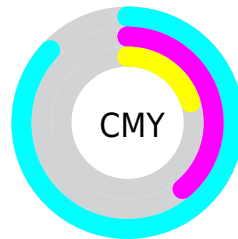


Cyan (84%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (87%)

Magenta (39%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.8090, 39.5342, -80.5165 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 124.8090, 39.5342, -80.5165 by changing the saturation by 10% instead.

124.8090, 39.5342,
-80.5165

124.8090, 39.5342,
-80.5165

255.0000, 0.0000,
0.0000

96.4880, 39.6924,
-84.6200

185.5180, 34.2546,
-67.1063

78.8490, 35.5704,
-69.1506

211.2230, 21.5821,
-62.4626

61.6830, 30.7223,
-54.0960

229.8840, 12.3822,
-51.6413

45.3320, 26.4583,
-39.7562

238.8540, 7.9600,
-33.1980

29.6820, 22.3418,
-26.0311

248.1230, 3.3904,
-14.1399

10.0370, 20.6878,
-8.8024

4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 124.8090, 39.5342,
-80.5165

■ 124.8090, 39.5342,
-80.5165

■ 115.0080, 44.3661,
-90.3380

■ 134.6100, 34.7023,
-70.6950

■ 109.6590, 47.0031,
-96.1709

■ 144.1120, 30.0178,
-61.4882

■ 153.6140, 25.3333,
-52.2815

■ 162.8280, 20.7908,
-41.9452

■ 172.6290, 15.9589,
-32.1236

■ 182.1310, 11.2744,
-22.9169

■ 191.9320, 6.4425,
-13.0954

■ 201.4340, 1.7580,
-3.8886

■ 211.2350, -3.0739,
5.9329

Harmonies

Analogous

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



115.3690, 33.3421, -101.1786



124.8090, 39.5342, -80.5165



142.3360, 33.8514, -30.9897

Triad

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



124.8090, 39.5342, -80.5165



148.0050, -3.9465, 52.6156



138.7340, -23.5329, -12.0447

Complementary

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



124.8090, 39.5342, -80.5165



113.1910, -39.5342, 80.5165

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.



142.5480, -31.3292, 15.3054



124.8090, 39.5342, -80.5165



146.6940, -19.0761, 52.0114

Square

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



124.8090, 39.5342, -80.5165



149.3310, 11.6688, 37.4207



144.6740, -28.9263, 37.9969



132.7760, -7.2846, -43.6536

Rectangle

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



124.8090, 39.5342, -80.5165



147.7200, 28.2390, -4.1394



144.6740, -28.9263, 37.9969



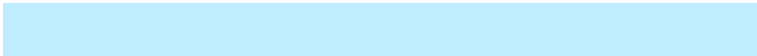
139.8770, -27.0544, -2.5231

Sweetspot

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



124.8090, 39.5342, -80.5165



225.2980, 14.6431, -30.0793



139.5500, -28.3722, -93.4444



109.8820, 8.9322, -18.3135



0.0000, 0.0000, 0.0000



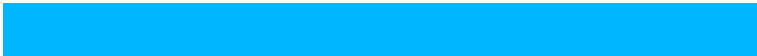
128.0000, 0.0000, 0.0000

Same Dimension

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



124.8090, 39.5342, -80.5165



135.9040, 58.7143, -119.1878



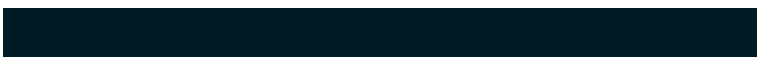
74.3270, 64.4218, -36.2438



97.2490, 2.3422, -4.6034



88.7770, 38.0709, -77.8574



20.1810, 8.7848, -17.6987

Inverse Universe

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



98.4500, 28.3722, 93.4444



96.9930, 41.9085, 138.5721



163.6730, -64.4218, 36.2438



95.7880, 1.5835, 5.4479



63.2000, 27.5094, 90.1556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 124.8090, 39.5342, -80.5165 looks on a white background.

Color Contrast Check

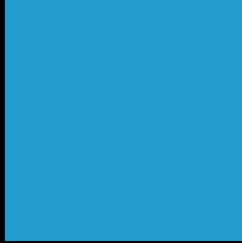
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.8090, 39.5342, -80.5165 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 124.8090, 39.5342, -80.5165 Background



This preview shows how black text looks on a background with the YUV color 124.8090, 39.5342, -80.5165.

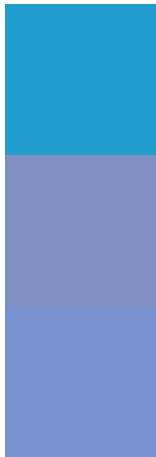


This preview shows how white text looks on a background with the YUV color 124.8090, 39.5342, -80.5165.

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

124.8090, 39.5342, -80.5165

Protanopia

145.0410, 24.6298, -13.1910

Deuteranopia

143.5330, 31.7822, -20.6384



Tritanopia

114.2290, 28.9741, -100.1788

Trichromacy



Original Color

124.8090, 39.5342, -80.5165

Protanomaly

137.9670, 30.0893, -37.6821

Deuteranomaly

136.7860, 34.6155, -42.7853

Tritanomaly

118.0110, 33.0256, -92.9716

Monochromacy



Original Color

124.8090, 39.5342, -80.5165

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8960, 14.3483, -28.8498

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.8090, 39.5342, -80.5165 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(33, 156, 205)` looks like.

```
.text, #text, p{  
    color:rgb(33, 156, 205)  
}
```

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(33, 156, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 156, 205) }
```

Border

The CSS property to change the border of an element to YUV 124.8090, 39.5342, -80.5165 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(33, 156, 205) }
```


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

```
.border{ border-color:rgb(33, 156, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 156, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 156, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 156, 205);  
box-shadow:4px 4px 4px 4px rgb(33, 156,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 124.8090, 39.5342, -80.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 156, 205) }
```

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

```
.background{ background-color: rgb(33, 156,  
205) }
```

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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