

Converting Colors

YUV(132.8460, 43.4599,
-79.6719)

Have a look what the booklet for
YUV(132.8460, 43.4599, -79.6719)
contains.

YUV(132.8460, 43.4599, -79.6719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(132.8460, 43.4599,
-79.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	2AA2DD
RGB	42, 162, 221
RGB Percent	16%, 64%, 87%
CMY	0.8353, 0.3647, 0.1333
CMYK	0.81, 0.27, 0.00, 0.13
HSL	200°, 72%, 52%
HSV	200°, 81%, 87%
XYZ	26.9263, 31.5534, 73.0779
YIQ	132.8460, -90.4590, -7.0910

Conversions

Conversions Part 2

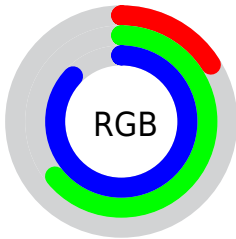
Format	Color
R _Y B	42, 114, 221
Decimal	2794205
CIE Lab	62.97, -12.01, -38.95
CIE LCh	63, 40.759, 252.860
Yxy	31.5534, 0.2047, 0.2398
Android (android.graphics.Color)	4280984285 (0xFF2AA2DD)
YUV	132.8460, 43.4599, -79.6719
Hunter-Lab	56.1724, -12.7374, -37.8131

Details

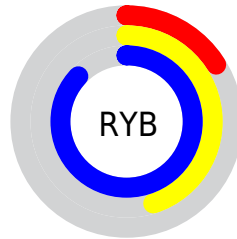
The YUV color **132.8460, 43.4599, -79.6719** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **130.1540, -43.4599, 79.6719**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4320, 31.3390, -65.2769**, and **84.0810, 40.3861, -73.7390** is the 20% darker color. If you saturate the color by 10%, you get **122.1590, 48.7286, -89.5934**, and if you desaturate by 10%, it is **143.5330, 38.1912, -69.7504**.

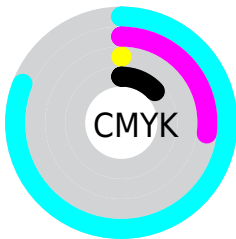
Distribution



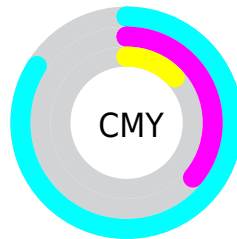
- Red (16%)
- Green (64%)
- Blue (87%)



- Red (16%)
- Yellow (45%)
- Blue (87%)



- Cyan (81%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)



- Cyan (84%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.8460, 43.4599, -79.6719 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 132.8460, 43.4599, -79.6719 by changing the saturation by 10% instead.

■ 132.8460, 43.4599,
-79.6719

■ 132.8460, 43.4599,
-79.6719

■ 255.0000, 0.0000,
0.0000

■ 101.8340, 44.9448,
-89.3084

■ 191.4320, 31.3390,
-65.2769

■ 84.0810, 40.3861,
-73.7390

■ 217.1370, 18.6665,
-60.6331

■ 66.3280, 35.8273,
-58.1697

■ 232.2760, 11.2029,
-46.7231

■ 49.8630, 31.1265,
-43.7299

■ 241.5450, 6.6333,
-27.6650

■ 34.0990, 26.5732,
-29.9048

■ 250.5150, 2.2111,
-9.2217

■ 20.3240, 22.0253,
-17.8241

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 132.8460, 43.4599,
-79.6719

■ 132.8460, 43.4599,
-79.6719

■ 122.1590, 48.7286,
-89.5934

■ 143.5330, 38.1912,
-69.7504

■ 112.0700, 53.7025,
-98.2854

■ 154.8070, 32.6331,
-60.3437

■ 165.4940, 27.3645,
-50.4222

■ 176.1810, 22.0958,
-40.5007

■ 187.1670, 16.6797,
-29.9645

■ 198.4410, 11.1216,
-20.5578

■ 209.1280, 5.8529,
-10.6363

■ 219.8150, 0.5842,
-0.7148

■ 231.0890, -4.9739,
8.6919

Harmonies

Analogous

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



122.1170, 38.8893, -107.0966



132.8460, 43.4599, -79.6719



150.8360, 35.5769, -24.4122

Triad

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



132.8460, 43.4599, -79.6719



154.3110, -8.0413, 59.3633



143.3200, -22.3428, -20.4516

Complementary

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



132.8460, 43.4599, -79.6719



130.1540, -43.4599, 79.6719

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.



147.9450, -33.4969, 10.5722



132.8460, 43.4599, -79.6719



152.5650, -23.4495, 54.7555

Square

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



132.8460, 43.4599, -79.6719



156.4030, 9.1683, 46.1276



151.1100, -33.5782, 36.7375



135.2410, -2.5838, -58.0934

Rectangle

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



132.8460, 43.4599, -79.6719



155.4760, 28.3593, 3.9675



151.1100, -33.5782, 36.7375



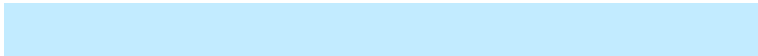
145.4200, -27.3221, -10.0153

Sweetspot

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



132.8460, 43.4599, -79.6719



225.0210, 14.7796, -27.2054



153.5710, -26.9035, -97.8478



109.3060, 9.2161, -16.0544



0.0000, 0.0000, 0.0000



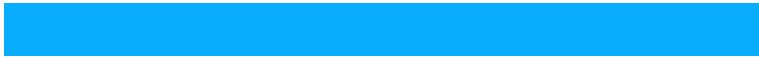
128.0000, 0.0000, 0.0000

Same Dimension

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



132.8460, 43.4599, -79.6719



133.0130, 60.1396, -109.6364



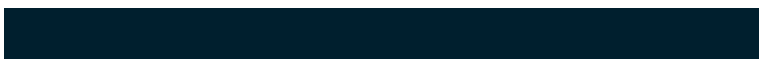
81.7770, 68.6369, -34.8844



104.3630, 2.7790, -4.7034



87.8140, 41.9967, -77.0129



23.4410, 11.1216, -20.5578

Inverse Universe

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



109.2010, 26.0299, 98.0477



100.6630, 35.6621, 135.3535



181.2230, -68.6369, 34.8844



103.0870, 1.4361, 6.0627



64.9510, 25.1672, 94.7590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 132.8460, 43.4599, -79.6719 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 132.8460, 43.4599, -79.6719 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

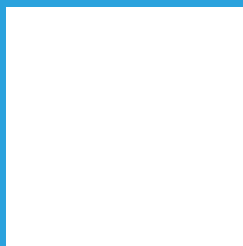
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 132.8460, 43.4599, -79.6719

Background



This preview shows how black text looks on a background with the YUV color 132.8460, 43.4599, -79.6719.

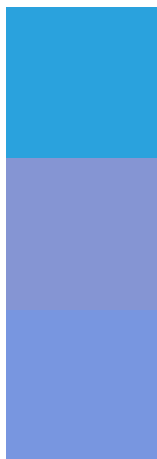


This preview shows how white text looks on a background with the YUV color 132.8460, 43.4599, -79.6719.

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

132.8460, 43.4599, -79.6719

Protanopia

151.2840, 29.4400, -16.0351

Deuteranopia

149.4660, 36.7453, -25.8417



Tritanopia

119.2500, 30.4428, -104.5823

Trichromacy



Original Color

132.8460, 43.4599, -79.6719

Protanomaly

144.8080, 34.6047, -39.2966

Deuteranomaly

143.3280, 39.2783, -45.0147

Tritanomaly

124.2710, 35.3624, -95.8307

Monochromacy



Original Color

132.8460, 43.4599, -79.6719

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2380, 15.6587, -29.1497

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.8460, 43.4599, -79.6719 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(42, 162, 221)` looks like.

```
.text, #text, p{  
    color:rgb(42, 162, 221)  
}
```

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(42, 162, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 162, 221) }
```

Border

The CSS property to change the border of an element to YUV 132.8460, 43.4599, -79.6719 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(42, 162, 221) }
```


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

```
.border{ border-color:rgb(42, 162, 221) }
```

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

Here you see how a box with a 4 pixel rgb(42, 162, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 162, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 162, 221);  
box-shadow:4px 4px 4px 4px rgb(42, 162,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 132.8460, 43.4599, -79.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 162, 221) }
```

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

```
.background{ background-color: rgb(42, 162,  
221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor