

Converting Colors

YUV(122.6830, 40.5823,
-90.0530)

Have a look what the booklet for
YUV(122.6830, 40.5823, -90.0530)
contains.

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Color

**YUV(122.6830, 40.5823,
-90.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	149FCD
RGB	20, 159, 205
RGB Percent	8%, 62%, 80%
CMY	0.9216, 0.3765, 0.1961
CMYK	0.90, 0.22, 0.00, 0.20
HSL	195°, 82%, 44%
HSV	195°, 90%, 80%
XYZ	23.7061, 29.3528, 62.1738
YIQ	122.6830, -97.6100, -15.1620

Conversions

Conversions Part 2

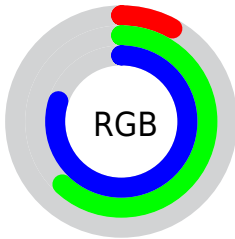
Format	Color
R_{YB}	20, 99, 205
Decimal	1351629
CIE _{Lab}	61.09, -17.56, -33.01
CIE _{LCh}	61, 37.388, 241.991
Yxy	29.3528, 0.2057, 0.2547
Android (android.graphics.Color)	4279541709 (0xFF149FCD)
YUV	122.6830, 40.5823, -90.0530
Hunter-Lab	54.1782, -16.7079, -30.1153

Details

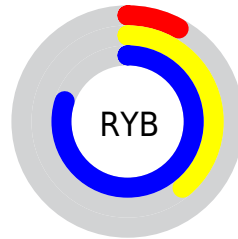
The YUV color **122.6830, 40.5823, -90.0530** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **102.3170, -40.5823, 90.0530**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0830, 33.9761, -71.1098**, and **80.6100, 34.7023, -70.6950** is the 20% darker color. If you saturate the color by 10%, you get **113.7680, 44.9774, -99.7745**, and if you desaturate by 10%, it is **131.5980, 36.1872, -80.3314**.

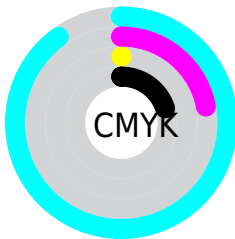
Distribution



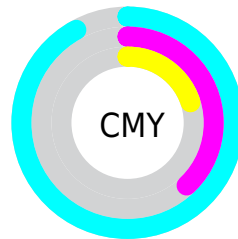
- Red (8%)
- Green (62%)
- Blue (80%)



- Red (8%)
- Yellow (39%)
- Blue (80%)



- Cyan (90%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6830, 40.5823, -90.0530 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 122.6830, 40.5823, -90.0530 by changing the saturation by 10% instead.

122.6830, 40.5823,
-90.0530

122.6830, 40.5823,
-90.0530

255.0000, 0.0000,
0.0000

98.2490, 38.8242,
-86.1644

186.0830, 33.9761,
-71.1098

80.6100, 34.7023,
-70.6950

212.0870, 21.1561,
-65.8513

62.9710, 30.5803,
-55.2256

228.6880, 12.9718,
-54.1004

46.5060, 25.8795,
-40.7858

237.9570, 8.4022,
-35.0423

30.8560, 21.7630,
-27.0607

247.2260, 3.8326,
-15.9842

12.9720, 19.2408,
-11.3764

4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 122.6830, 40.5823,
-90.0530

■ 122.6830, 40.5823,
-90.0530

■ 113.7680, 44.9774,
-99.7745

■ 131.5980, 36.1872,
-80.3314

■ 140.8120, 31.6447,
-69.9951

■ 149.7270, 27.2496,
-60.2736

■ 158.9410, 22.7071,
-49.9373

■ 167.8560, 18.3120,
-40.2157

■ 177.6570, 13.4801,
-30.3942

■ 186.5720, 9.0850,
-20.6726

■ 195.7860, 4.5425,
-10.3363

■ 205.0000, 0.0000,
0.0000

Harmonies

Analogous

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



116.9020, 31.6003, -102.5231



122.6830, 40.5823, -90.0530



142.2320, 34.8886, -37.0375

Triad

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



122.6830, 40.5823, -90.0530



150.1620, -2.0519, 51.6009



141.3000, -25.2909, -8.1561

Complementary

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



122.6830, 40.5823, -90.0530



102.3170, -40.5823, 90.0530

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.



144.4560, -31.7768, 18.8941



122.6830, 40.5823, -90.0530



148.8620, -17.1870, 52.7410

Square

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



122.6830, 40.5823, -90.0530



152.0640, 13.2794, 34.1469



147.2120, -28.2055, 40.1561



135.4130, -10.0636, -38.9502

Rectangle

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



122.6830, 40.5823, -90.0530



148.4420, 29.8551, -9.1576



147.2120, -28.2055, 40.1561



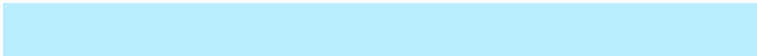
142.5570, -28.3756, 1.2655

Sweetspot

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



122.6830, 40.5823, -90.0530



224.3900, 15.0907, -33.6680



133.4970, -34.7550, -99.5369



109.2840, 9.2270, -19.5431



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.



122.6830, 40.5823, -90.0530



141.7740, 55.8204, -124.3358



69.8530, 66.6275, -43.7211



97.2490, 2.3422, -4.6034



92.2990, 36.3346, -80.9462



21.3550, 8.2060, -18.7283

Inverse Universe

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



91.1610, 33.4446, 99.8368



98.1330, 46.2764, 137.5724



155.1470, -66.6275, 43.7211



95.7880, 1.5835, 5.4479



63.8840, 30.1302, 89.5557



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 122.6830, 40.5823, -90.0530 looks on a white background.

Color Contrast Check

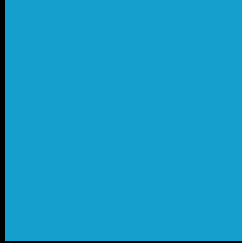
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6830, 40.5823, -90.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

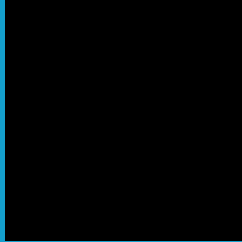
Any Text WCAG AA ✓ Pass

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 122.6830, 40.5823, -90.0530 Background



This preview shows how black text looks on a background with the YUV color 122.6830, 40.5823, -90.0530.

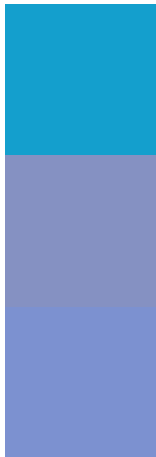


This preview shows how white text looks on a background with the YUV color 122.6830, 40.5823, -90.0530.

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

122.6830, 40.5823, -90.0530

Protanopia

146.9980, 23.1720, -12.2762

Deuteranopia

145.9030, 30.6138, -19.2089



Tritanopia

115.6310, 29.2689, -101.4084

Trichromacy



Original Color

122.6830, 40.5823, -90.0530

Protanomaly

138.1300, 29.5159, -40.4560

Deuteranomaly

137.3620, 34.3315, -45.0445

Tritanomaly

118.3910, 33.3312, -97.6899

Monochromacy



Original Color

122.6830, 40.5823, -90.0530

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9880, 14.7959, -32.4385

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6830, 40.5823, -90.0530 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(20, 159, 205)` looks like.

```
.text, #text, p{  
    color:rgb(20, 159, 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(20, 159, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 159, 205) }
```

Border

The CSS property to change the border of an element to YUV 122.6830, 40.5823, -90.0530 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(20, 159, 205) }
```


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

```
.border{ border-color:rgb(20, 159, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 159, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 159, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 159, 205);  
box-shadow:4px 4px 4px 4px rgb(20, 159,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 122.6830, 40.5823, -90.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 159, 205) }
```

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

```
.background{ background-color: rgb(20, 159,  
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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