

Converting Colors

YUV(120.3390, 42.2309,
-105.5373)

Have a look what the booklet for
YUV(120.3390, 42.2309, -105.5373)
contains.

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Color

**YUV(120.3390, 42.2309,
-105.5373)**

Conversions

Conversions Part 1

Format	Color
Hex	00A5CE
RGB	0, 165, 206
RGB Percent	0%, 65%, 81%
CMY	1.0000, 0.3529, 0.1922
CMYK	1.00, 0.20, 0.00, 0.19
HSL	192°, 100%, 40%
HSV	192°, 100%, 81%
XYZ	24.5957, 31.3665, 63.1505
YIQ	120.3390, -111.5010, -22.2290

Conversions

Conversions Part 2

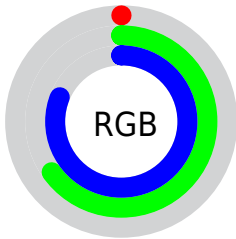
Format	Color
RYB	0, 92, 206
Decimal	42446
CIELab	62.82, -21.10, -30.90
CIELCh	63, 37.417, 235.673
Yxy	31.3665, 0.2065, 0.2633
Android (android.graphics.Color)	4278232526 (0xFF00A5CE)
YUV	120.3390, 42.2309, -105.5373
Hunter-Lab	56.0058, -19.6194, -27.6496

Details

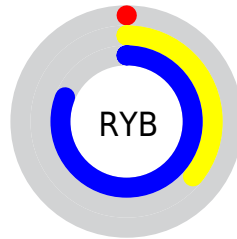
The YUV color **120.3390, 42.2309, -105.5373** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **85.6610, -42.2309, 105.5373**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4090, 32.8294, -76.6577**, and **83.6590, 33.6921, -73.3689** is the 20% darker color. If you saturate the color by 10%, you get **120.3390, 42.2309, -105.5373**, and if you desaturate by 10%, it is **128.9660, 37.9778, -94.6862**.

Distribution



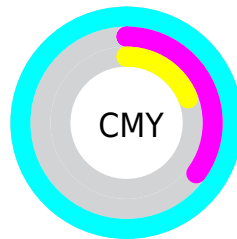
- Red (0%)
- Green (65%)
- Blue (81%)



- Red (0%)
- Yellow (36%)
- Blue (81%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3390, 42.2309, -105.5373 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 120.3390, 42.2309, -105.5373 by changing the saturation by 10% instead.

120.3390, 42.2309,
-105.5373

120.3390, 42.2309,
-105.5373

255.0000, 0.0000,
0.0000

101.8850, 37.5247,
-89.3531

188.4090, 32.8294,
-76.6577

83.6590, 33.6921,
-73.3689

215.2990, 19.5726,
-71.2992

65.9060, 29.1333,
-57.7996

228.0900, 13.2666,
-55.3299

49.5550, 24.8694,
-43.4597

237.3590, 8.6970,
-36.2718

33.3180, 21.0422,
-29.2199

246.6280, 4.1274,
-17.2138

18.3690, 17.0731,
-16.1096

4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 120.3390, 42.2309,
-105.5373

■ 128.9660, 37.9778,
-94.6862

■ 137.2940, 33.8721,
-84.4498

■ 145.9210, 29.6189,
-73.5987

■ 154.2490, 25.5132,
-63.3624

■ 163.4630, 20.9707,
-53.0261

■ 172.0900, 16.7176,
-42.1749

■ 180.4180, 12.6119,
-31.9386

■ 189.0450, 8.3588,
-21.0875

■ 197.3730, 4.2531,
-10.8511

Harmonies

Analogous

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



119.7230, 29.7166, -104.9971



120.3390, 42.2309, -105.5373



144.5190, 36.2261, -46.0592

Triad

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



120.3390, 42.2309, -105.5373



155.3620, 1.3005, 49.6715



146.7630, -27.4912, -2.4232

Complementary

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



120.3390, 42.2309, -105.5373



85.6610, -42.2309, 105.5373

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.



149.7880, -31.9405, 24.7419



120.3390, 42.2309, -105.5373



153.9700, -14.2822, 54.4003

Square

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



120.3390, 42.2309, -105.5373



156.2420, 16.6427, 28.7288



152.2880, -26.7640, 44.4744



141.7190, -14.1585, -32.2026

Rectangle

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



120.3390, 42.2309, -105.5373



151.2560, 31.9188, -17.7645



152.2880, -26.7640, 44.4744



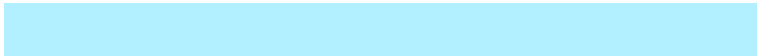
148.1340, -30.1391, 6.8985

Sweetspot

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



120.3390, 42.2309, -105.5373



223.4710, 15.5438, -39.0011



125.2540, -43.0162, -109.8478



108.3760, 9.6746, -23.1318



0.0000, 0.0000, 0.0000



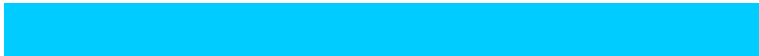
128.0000, 0.0000, 0.0000

Same Dimension

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



120.3390, 42.2309, -105.5373



148.8180, 52.3477, -130.5134



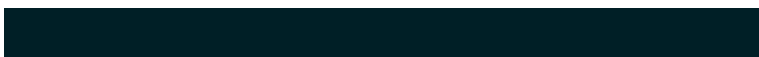
61.6390, 71.1700, -54.0574



97.8360, 2.0529, -5.1182



96.9950, 34.0195, -85.0646



22.5290, 7.6272, -19.7579

Inverse Universe

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



80.4040, 41.7058, 110.1477



99.5010, 51.5180, 136.3726



144.3610, -71.1700, 54.0574



95.9020, 2.0203, 5.3479



64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 120.3390, 42.2309, -105.5373 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 120.3390, 42.2309, -105.5373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

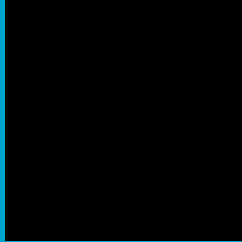
Any Text WCAG AA ✓ Pass

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 120.3390, 42.2309, -105.5373 Background



This preview shows how black text looks on a background with the YUV color 120.3390, 42.2309, -105.5373.

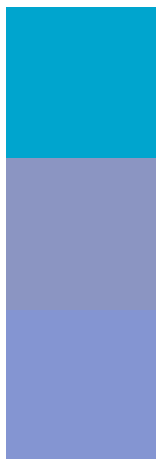


This preview shows how white text looks on a background with the YUV color 120.3390, 42.2309, -105.5373.

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

120.3390, 42.2309, -105.5373

Protanopia

151.1400, 21.1300, -10.6468

Deuteranopia

150.8710, 29.1506, -16.5499



Tritanopia

119.2500, 30.4428, -104.5823

Trichromacy



Original Color

120.3390, 42.2309, -105.5373

Protanomaly

139.8690, 28.6586, -45.4891

Deuteranomaly

139.9270, 34.0530, -49.0480

Tritanomaly

119.6890, 34.6633, -104.9673

Monochromacy



Original Color

120.3390, 42.2309, -105.5373

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7700, 15.3964, -38.3863

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3390, 42.2309, -105.5373 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(0, 165, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 206)  
}
```

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(0, 165, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 206) }
```

Border

The CSS property to change the border of an element to YUV 120.3390, 42.2309, -105.5373 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(0, 165, 206) }
```


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

```
.border{ border-color:rgb(0, 165, 206) }
```

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

Here you see how a box with a 4 pixel rgb(0, 165, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 120.3390, 42.2309, -105.5373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 206) }
```

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

```
.background{ background-color: rgb(0, 165,  
206) }
```

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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