

Converting Colors

YUV(120.7950, 43.9781,
-105.9372)

Have a look what the booklet for
YUV(120.7950, 43.9781, -105.9372)
contains.

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Color

**YUV(120.7950, 43.9781,
-105.9372)**

Conversions

Conversions Part 1

Format	Color
Hex	00A5D2
RGB	0, 165, 210
RGB Percent	0%, 65%, 82%
CMY	1.0000, 0.3529, 0.1765
CMYK	1.00, 0.21, 0.00, 0.18
HSL	193°, 100%, 41%
HSV	193°, 100%, 82%
XYZ	25.0880, 31.5634, 65.7428
YIQ	120.7950, -112.7850, -20.9850

Conversions

Conversions Part 2

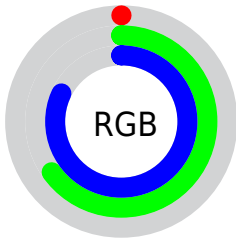
Format	Color
RYB	0, 92, 210
Decimal	42450
CIELab	62.98, -19.70, -32.87
CIELCh	63, 38.319, 239.065
Yxy	31.5634, 0.2050, 0.2579
Android (android.graphics.Color)	4278232530 (0xFF00A5D2)
YUV	120.7950, 43.9781, -105.9372
Hunter-Lab	56.1813, -18.6074, -30.0537

Details

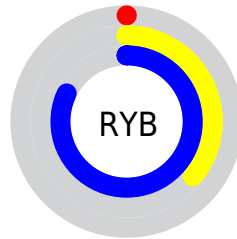
The YUV color **120.7950, 43.9781, -105.9372** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **89.2050, -43.9781, 105.9372**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7080, 32.6820, -76.0429**, and **84.0010, 35.0025, -73.6689** is the 20% darker color. If you saturate the color by 10%, you get **120.7950, 43.9781, -105.9372**, and if you desaturate by 10%, it is **129.4220, 39.7250, -95.0861**.

Distribution



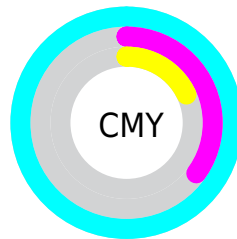
- Red (0%)
- Green (65%)
- Blue (82%)



- Red (0%)
- Yellow (36%)
- Blue (82%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7950, 43.9781, -105.9372 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 120.7950, 43.9781, -105.9372 by changing the saturation by 10% instead.

■ 120.7950, 43.9781,
-105.9372

■ 120.7950, 43.9781,
-105.9372

■ 255.0000, 0.0000,
0.0000

■ 102.3410, 39.2719,
-89.7531

■ 188.7080, 32.6820,
-76.0429

■ 84.0010, 35.0025,
-73.6689

■ 215.5980, 19.4252,
-70.6844

■ 66.3620, 30.8805,
-58.1995

■ 228.3890, 13.1192,
-54.7152

■ 50.0110, 26.6166,
-43.8596

■ 237.6580, 8.5496,
-35.6571

■ 34.2470, 22.0632,
-30.0346

■ 246.9270, 3.9800,
-16.5990

■ 19.2980, 18.0941,
-16.9243

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 120.7950, 43.9781,
-105.9372

■ 129.4220, 39.7250,
-95.0861

■ 138.6360, 35.1825,
-84.7498

■ 147.2630, 30.9293,
-73.8987

■ 156.4770, 26.3868,
-63.5623

■ 165.1040, 22.1337,
-52.7112

■ 174.3180, 17.5912,
-42.3749

■ 182.9450, 13.3381,
-31.5238

■ 192.1590, 8.7956,
-21.1874

■ 200.7860, 4.5425,
-10.3363

Harmonies

Analogous

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



120.7660, 31.1744, -105.9118



120.7950, 43.9781, -105.9372



145.9540, 36.5047, -42.0557

Triad

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



120.7950, 43.9781, -105.9372



155.3300, -0.1627, 52.3306



146.1540, -27.1909, -5.3971

Complementary

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



120.7950, 43.9781, -105.9372



89.2050, -43.9781, 105.9372

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.



149.8370, -32.9506, 22.0680



120.7950, 43.9781, -105.9372



153.8130, -16.1768, 55.4150

Square

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



120.7950, 43.9781, -105.9372



156.9220, 15.3215, 32.5174



152.2340, -28.2164, 43.6448



140.8540, -12.2530, -36.7060

Rectangle

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



120.7950, 43.9781, -105.9372



152.5770, 31.7605, -13.6610



152.2340, -28.2164, 43.6448



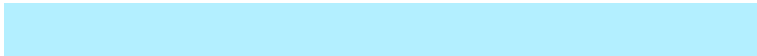
147.5250, -29.8388, 3.9246

Sweetspot

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



120.7950, 43.9781, -105.9372



222.8840, 15.8332, -38.4863



128.0580, -42.4266, -112.3069



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.



120.7950, 43.9781, -105.9372



146.4700, 53.5053, -128.4542



60.9210, 73.4959, -53.4277



99.9500, 2.4897, -5.2181



96.6360, 35.1825, -84.7498



23.4580, 8.6482, -20.5727

Inverse Universe

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



81.6000, 41.1162, 112.6068



99.0450, 49.7708, 136.7725



149.0790, -73.4959, 53.4277



98.2010, 1.8729, 5.9627



65.2800, 32.8930, 90.0854



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 120.7950, 43.9781, -105.9372 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 120.7950, 43.9781, -105.9372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

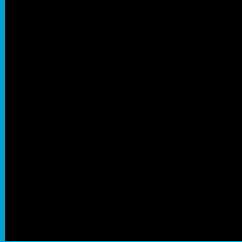
Any Text WCAG AA ✓ Pass

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 120.7950, 43.9781, -105.9372 Background



This preview shows how black text looks on a background with the YUV color 120.7950, 43.9781, -105.9372.

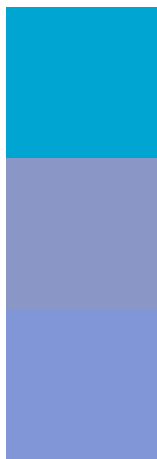


This preview shows how white text looks on a background with the YUV color 120.7950, 43.9781, -105.9372.

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

120.7950, 43.9781, -105.9372

Protanopia

151.8840, 22.7352, -12.1763

Deuteranopia

151.0170, 31.0506, -19.3089

Trichromacy



Original Color

120.7950, 43.9781, -105.9372

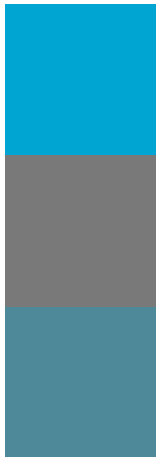
Protanomaly

140.3250, 30.4058, -45.8890

Deuteranomaly

139.7850, 36.0950, -50.6774

Monochromacy



Original Color

120.7950, 43.9781, -105.9372

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8840, 15.8332, -38.4863

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7950, 43.9781, -105.9372 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 210) }
```

Border

The CSS property to change the border of an element to YUV 120.7950, 43.9781, -105.9372 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, 210) }
```

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

```
.border{ border-color:rgb(0, 165, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 165, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 165, 210); box-shadow:4px 4px 4px 4px rgb(0, 165, 210) }
```


Background

The CSS property to change the background color of an element to YUV 120.7950, 43.9781, -105.9372 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, 210) }
```

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

```
.background{ background-color: rgb(0, 165,  
210) }
```

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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