

Converting Colors

YUV(177.9900, 7.8929,
-105.2312)

Have a look what the booklet for
YUV(177.9900, 7.8929, -105.2312)
contains.

YUV(177.9900, 7.8929, -105.2312)	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(177.9900, 7.8929,
-105.2312)**

Conversions

Conversions Part 1

Format	Color
Hex	3AECC2
RGB	58, 236, 194
RGB Percent	23%, 93%, 76%
CMY	0.7725, 0.0745, 0.2392
CMYK	0.75, 0.00, 0.18, 0.07
HSL	166°, 82%, 58%
HSV	166°, 75%, 93%
XYZ	41.4780, 64.7855, 61.3577
YIQ	177.9900, -92.6060, -50.7980

Conversions

Conversions Part 2

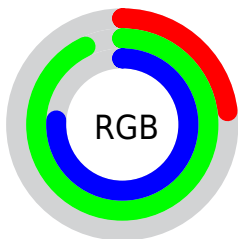
Format	Color
RYB	58, 159, 236
Decimal	3861698
CIELab	84.37, -53.39, 7.86
CIELCh	84, 53.965, 171.624
Yxy	64.7855, 0.2475, 0.3865
Android (android.graphics.Color)	4282051778 (0xFF3AECC2)
YUV	177.9900, 7.8929, -105.2312
Hunter-Lab	80.4894, -48.8715, 11.1454

Details


The YUV color **177.9900, 7.8929, -105.2312** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **116.0100, -7.8929, 105.2312**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3540, 16.0945, -75.7325**, and **121.0330, 9.3507, -106.1459** is the 20% darker color. If you saturate the color by 10%, you get **170.1300, 8.8099, -119.3860**, and if you desaturate by 10%, it is **185.8500, 6.9760, -91.0764**.

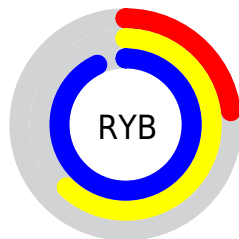
Distribution



 Red (23%)

 Green (93%)

 Blue (76%)




 Red (23%)

 Yellow (62%)

 Blue (93%)

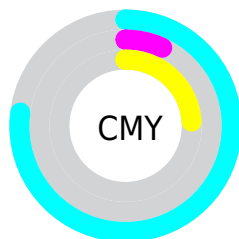


 Cyan (75%)

 Magenta (0%)

 Yellow (18%)

 Black (7%)



 Cyan (77%)

 Magenta (7%)

 Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9900, 7.8929, -105.2312 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 177.9900, 7.8929, -105.2312 by changing the saturation by 10% instead.

177.9900, 7.8929,
-105.2312

177.9900, 7.8929,
-105.2312

255.0000, 0.0000,
0.0000

140.5470, 13.0413,
-123.2597

217.3540, 16.0945,
-75.7325

121.0330, 9.3507,
-106.1459

227.4920, 13.5614,
-56.5595

102.3340, 6.2443,
-89.7469

236.7610, 8.9918,
-37.5014

83.6350, 3.1379,
-73.3479

246.3290, 4.2748,
-17.8285

65.7510, 0.6158,
-57.6636

47.9810, -1.4696,
-42.0793

32.0860, -3.9864,

-28.1394

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 177.9900, 7.8929,
-105.2312

■ 177.9900, 7.8929,
-105.2312

■ 170.1300, 8.8099,
-119.3860

■ 185.8500, 6.9760,
-91.0764

■ 162.6830, 10.0163,
-133.0260


■ 193.2970, 5.7696,
-77.4365


■ 159.0520, 10.3274,
-139.4886


■ 201.1570, 4.8526,
-63.2817

■ 208.6040, 3.6462,
-49.6417

 216.4640, 2.7292,
-35.4869

 224.2100, 1.3755,
-21.2322

 231.7710, 0.6059,
-7.6922

 239.6310, -0.3111,
6.4626

 242.5930, 0.6937,
10.8809

Harmonies

Analogous

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



194.8950, -24.5982, -43.7579



177.9900, 7.8929, -105.2312



167.1630, 38.8666, -146.6020

Triad

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



177.9900, 7.8929, -105.2312



205.9380, 24.1876, -11.3466



199.3010, -33.1794, 48.8480

Complementary

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



177.9900, 7.8929, -105.2312



116.0100, -7.8929, 105.2312

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.



196.6860, -10.1982, 51.1414



177.9900, 7.8929, -105.2312



212.7360, 20.8362, 37.0655

Square

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



177.9900, 7.8929, -105.2312



185.4190, 34.3034, -82.8055



201.9130, 12.3679, 46.5573



207.4190, -49.0136, 40.8515

Rectangle

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



177.9900, 7.8929, -105.2312



166.4280, 43.6660, -145.9574



201.9130, 12.3679, 46.5573



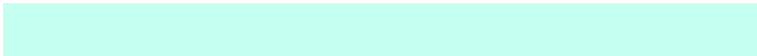
197.8480, -26.0541, 50.1223

Sweetspot

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



177.9900, 7.8929, -105.2312



235.7630, 2.5818, -34.8722



175.6420, -57.9975, -64.5840



116.2100, 1.3755, -21.2322



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.



177.9900, 7.8929, -105.2312



179.3620, 10.1745, -137.1295



156.3630, 39.2610, -86.2644



113.4830, 0.7479, -6.5626



121.9790, 7.8984, -106.9756



36.3720, 2.2816, -31.8982

Inverse Universe

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



116.0100, -7.8929, 105.2312



98.6380, -10.1745, 137.1295



137.0500, -38.9716, 86.7792



109.5170, -0.7479, 6.5626



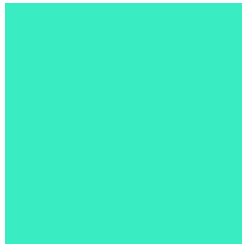
59.0210, -7.8984, 106.9756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 177.9900, 7.8929, -105.2312 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 177.9900, 7.8929, -105.2312 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

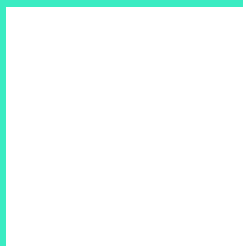
Any Text WCAG AAA ✓ Pass

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

YUV 177.9900, 7.8929, -105.2312 Background



This preview shows how black text looks on a background with the YUV color 177.9900, 7.8929, -105.2312.



This preview shows how white text looks on a background with the YUV color 177.9900, 7.8929,

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

177.9900, 7.8929, -105.2312

Protanopia

208.0970, -13.8518, 9.5619

Deuteranopia

210.5570, -4.7116, 17.9285



Tritanopia

188.5940, 28.7942, -89.0979

Trichromacy



Original Color

177.9900, 7.8929, -105.2312



Protanomaly

196.8960, -5.8647, -32.3578



Deuteranomaly

198.4220, -0.2080, -26.6801



Tritanomaly

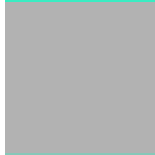
184.9000, 21.2483, -95.5053

Monochromacy



Original Color

177.9900, 7.8929, -105.2312



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.8550, 3.0295, -38.4608

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9900, 7.8929, -105.2312 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(58, 236, 194)` looks like.

```
.text, #text, p{  
    color:rgb(58, 236, 194)  
}
```

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(58, 236, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 236, 194) }
```

Border

The CSS property to change the border of an element to YUV 177.9900, 7.8929, -105.2312 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(58, 236, 194) }
```


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

```
.border{ border-color:rgb(58, 236, 194) }
```

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

Here you see how a box with a 4 pixel rgb(58, 236, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 236, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 236, 194);  
box-shadow:4px 4px 4px 4px rgb(58, 236,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 177.9900, 7.8929, -105.2312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 236, 194) }
```

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

```
.background{ background-color: rgb(58, 236,  
194) }
```

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