

Converting Colors

YUV(145.5110, 44.6111,
-122.3511)

Have a look what the booklet for
YUV(145.5110, 44.6111, -122.3511)
contains.

YUV(145.5110, 44.6111, -122.3511)	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(145.5110, 44.6111,
-122.3511)**

Conversions

Conversions Part 1

Format	Color
Hex	06C7EC
RGB	6, 199, 236
RGB Percent	2%, 78%, 93%
CMY	0.9765, 0.2196, 0.0745
CMYK	0.97, 0.16, 0.00, 0.07
HSL	190°, 95%, 47%
HSV	190°, 97%, 93%
XYZ	35.6389, 46.9417, 86.5392
YIQ	145.5110, -126.9050, -29.4090

Conversions

Conversions Part 2

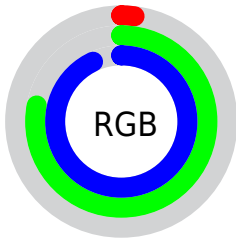
Format	Color
R _{YB}	6, 111, 236
Decimal	444396
CIE Lab	74.15, -28.04, -29.82
CIE LCh	74, 40.935, 226.768
Yxy	46.9417, 0.2107, 0.2776
Android (android.graphics.Color)	4278634476 (0xFF06C7EC)
YUV	145.5110, 44.6111, -122.3511
Hunter-Lab	68.5140, -27.0494, -26.9286

Details

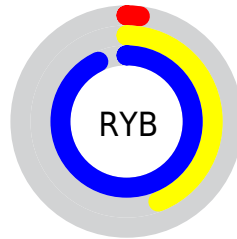
The YUV color **145.5110, 44.6111, -122.3511** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **96.4890, -44.6111, 122.3511**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2430, 21.0792, -87.9131**, and **105.6350, 36.6619, -92.6419** is the 20% darker color. If you saturate the color by 10%, you get **143.1300, 45.7849, -125.5250**, and if you desaturate by 10%, it is **155.0350, 39.9157, -109.6557**.

Distribution



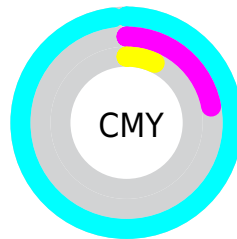
- Red (2%)
- Green (78%)
- Blue (93%)



- Red (2%)
- Yellow (44%)
- Blue (93%)



- Cyan (97%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (98%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.5110, 44.6111, -122.3511 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 145.5110, 44.6111, -122.3511 by changing the saturation by 10% instead.

■ 145.5110, 44.6111,
-122.3511

■ 145.5110, 44.6111,
-122.3511

■ 255.0000, 0.0000,
0.0000

■ 124.6760, 41.0787,
-109.3409

■ 212.2430, 21.0792,
-87.9131

■ 105.6350, 36.6619,
-92.6419

■ 222.1100, 16.2148,
-67.6255

■ 87.2950, 32.3926,
-76.5577

■ 231.9770, 11.3503,
-47.3378

■ 69.6560, 28.2706,
-61.0883

■ 241.5450, 6.6333,
-27.6650

■ 52.7180, 24.2960,
-46.2337

■ 250.8140, 2.0637,
-8.6069

■ 36.4810, 20.4689,
-31.9938

■ 21.5320, 16.4997,

-18.8836

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 145.5110, 44.6111,
-122.3511

■ 145.5110, 44.6111,
-122.3511

■ 143.1300, 45.7849,
-125.5250

■ 155.0350, 39.9157,
-109.6557

■ 164.2600, 35.3678,
-97.5750

■ 173.1970, 30.9619,
-84.3648

■ 182.4220, 26.4140,
-72.2841

■ 191.9460, 21.7186,
-59.5886

■ 201.4700, 17.0233,
-46.8932

■ 210.6950, 12.4754,
-34.8125

■ 219.6320, 8.0694,
-21.6023

■ 228.8570, 3.5215,
-9.5216

Harmonies

Analogous

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



150.3870, 25.9382, -106.4564



145.5110, 44.6111, -122.3511



169.8910, 41.9587, -64.8024

Triad

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



145.5110, 44.6111, -122.3511



187.1540, 6.8261, 50.7309



177.8090, -33.9228, 7.1835

Complementary

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



145.5110, 44.6111, -122.3511



96.4890, -44.6111, 122.3511

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.



180.6430, -35.3200, 35.3931



145.5110, 44.6111, -122.3511



184.5240, -11.1043, 61.8075

Square

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



145.5110, 44.6111, -122.3511



187.2180, 23.0635, 22.6108



183.6530, -26.9439, 55.5553



172.5150, -21.4529, -25.8847

Rectangle

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



145.5110, 44.6111, -122.3511



178.6500, 37.6406, -33.0190



183.6530, -26.9439, 55.5553



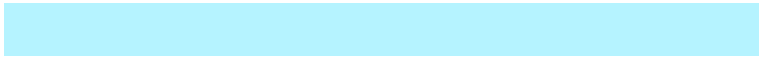
179.1200, -35.5552, 17.4348

Sweetspot

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



145.5110, 44.6111, -122.3511



225.8300, 14.3808, -39.3159



144.8860, -51.7088, -121.8030



109.8490, 8.9484, -23.5466



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.



145.5110, 44.6111, -122.3511



154.6880, 49.4538, -135.6614



79.7670, 77.0229, -64.6937



112.5370, 2.2003, -5.7329



109.8580, 35.0730, -96.3455



32.5710, 10.5645, -28.5648

Inverse Universe

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



96.7720, 50.3984, 122.1030



100.6410, 55.8860, 135.3728



162.2330, -77.0229, 64.6937



110.3150, 2.3097, 5.8627



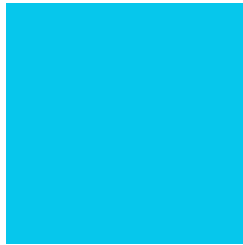
71.4470, 39.7126, 96.0780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 145.5110, 44.6111, -122.3511 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 145.5110, 44.6111, -122.3511 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 145.5110, 44.6111, -122.3511 Background



This preview shows how black text looks on a background with the YUV color 145.5110, 44.6111, -122.3511.

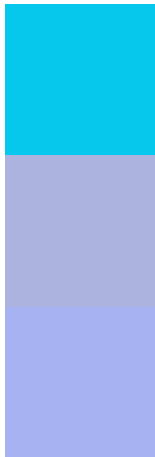


This preview shows how white text looks on a background with the YUV color 145.5110, 44.6111, -122.3511.

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

145.5110, 44.6111, -122.3511

Protanopia

181.5100, 19.9616, -9.2173

Deuteranopia

181.5940, 29.2872, -13.6759



Tritanopia

142.7250, 36.6176, -125.1698

Trichromacy



Original Color

145.5110, 44.6111, -122.3511

Protanomaly

168.2490, 28.9642, -50.2074

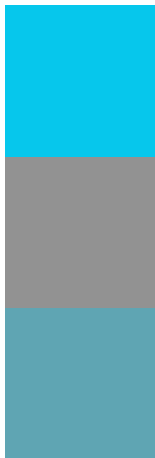
Deuteranomaly

168.7200, 34.6480, -53.2514

Tritanomaly

143.5340, 39.6697, -124.1253

Monochromacy



Original Color

145.5110, 44.6111, -122.3511

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6660, 16.4337, -44.4341

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5110, 44.6111, -122.3511 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(6, 199, 236)` looks like.

```
.text, #text, p{  
    color:rgb(6, 199, 236)  
}
```

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(6, 199, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 199, 236) }
```

Border

The CSS property to change the border of an element to YUV 145.5110, 44.6111, -122.3511 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(6, 199, 236) }
```


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

```
.border{ border-color:rgb(6, 199, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 199, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 199, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 199, 236);  
box-shadow:4px 4px 4px 4px rgb(6, 199,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 145.5110, 44.6111, -122.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 199, 236) }
```

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

```
.background{ background-color: rgb(6, 199,  
236) }
```

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