

Converting Colors

YUV(147.8220, 42.9788,
-112.0999)

Have a look what the booklet for
YUV(147.8220, 42.9788, -112.0999)
contains.

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Color

**YUV(147.8220, 42.9788,
-112.0999)**

Conversions

Conversions Part 1

Format	Color
Hex	14C4EB
RGB	20, 196, 235
RGB Percent	8%, 77%, 92%
CMY	0.9216, 0.2314, 0.0784
CMYK	0.91, 0.17, 0.00, 0.08
HSL	191°, 84%, 50%
HSV	191°, 91%, 92%
XYZ	35.0238, 45.6267, 85.5582
YIQ	147.8220, -117.4150, -25.1830

Conversions

Conversions Part 2

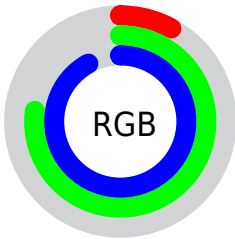
Format	Color
RYP	20, 117, 235
Decimal	1361131
CIELab	73.30, -26.46, -30.59
CIElCh	73, 40.445, 229.136
Yxy	45.6267, 0.2107, 0.2745
Android (android.graphics.Color)	4279551211 (0xFF14C4EB)
YUV	147.8220, 42.9788, -112.0999
Hunter-Lab	67.5476, -25.6549, -27.8155

Details

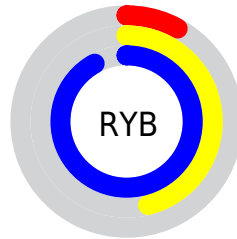
The YUV color **147.8220, 42.9788, -112.0999** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **107.1780, -42.9788, 112.0999**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6670, 21.3632, -85.6540**, and **103.7600, 37.0933, -90.9975** is the 20% darker color. If you saturate the color by 10%, you get **139.4940, 47.0845, -122.3362**, and if you desaturate by 10%, it is **157.3460, 38.2834, -99.4044**.

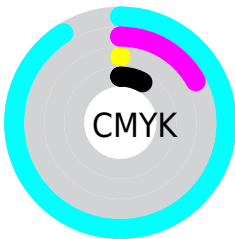
Distribution



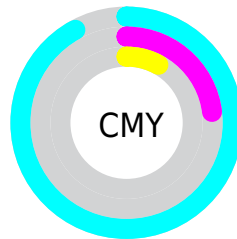
- Red (8%)
- Green (77%)
- Blue (92%)



- Red (8%)
- Yellow (46%)
- Blue (92%)



- Cyan (91%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.8220, 42.9788, -112.0999 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 147.8220, 42.9788, -112.0999 by changing the saturation by 10% instead.

■ 147.8220, 42.9788,
-112.0999

■ 147.8220, 42.9788,
-112.0999

■ 255.0000, 0.0000,
0.0000

■ 122.8010, 41.5101,
-107.6965

■ 211.6670, 21.3632,
-85.6540

■ 103.7600, 37.0933,
-90.9975

■ 222.7080, 15.9200,
-66.3959

■ 85.4200, 32.8239,
-74.9133

■ 232.2760, 11.2029,
-46.7231

■ 67.7810, 28.7020,
-59.4439

■ 241.8440, 6.4859,
-27.0502

■ 50.8430, 24.7274,
-44.5893

■ 251.1130, 1.9163,
-7.9921

■ 35.1930, 20.6109,
-30.8643

■ 19.6570, 16.9311,

-17.2392

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 147.8220, 42.9788,
-112.0999

■ 147.8220, 42.9788,
-112.0999

■ 139.4940, 47.0845,
-122.3362

■ 157.3460, 38.2834,
-99.4044

■ 167.1580, 33.4461,
-87.8386

■ 176.6820, 28.7508,
-75.1431

■ 185.9070, 24.2028,
-63.0624

■ 195.4310, 19.5075,
-50.3670

■ 205.2430, 14.6702,
-38.8011

■ 214.7670, 9.9749,
-26.1057

■ 223.9920, 5.4269,
-14.0250

■ 233.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



147.1200, 27.5488, -109.7302



147.8220, 42.9788, -112.0999



169.2830, 40.7795, -59.8842

Triad

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



147.8220, 42.9788, -112.0999



184.1110, 5.3683, 51.6457



174.8410, -32.4596, 4.5244

Complementary

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



147.8220, 42.9788, -112.0999



107.1780, -42.9788, 112.0999

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.



178.3330, -35.1672, 33.0340



147.8220, 42.9788, -112.0999



182.5840, -12.1199, 60.8778

Square

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



147.8220, 42.9788, -112.0999



184.8870, 21.7477, 24.6551



180.5280, -27.3753, 53.9109



169.9600, -19.7003, -28.0289

Rectangle

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



147.8220, 42.9788, -112.0999



177.5580, 37.1929, -29.4304



180.5280, -27.3753, 53.9109



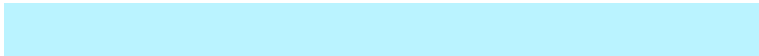
176.0380, -34.5287, 14.8757

Sweetspot

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



147.8220, 42.9788, -112.0999



227.3250, 13.6438, -36.2420



150.3090, -46.4943, -114.2810



111.0450, 8.3588, -21.0875



0.0000, 0.0000, 0.0000



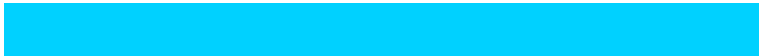
128.0000, 0.0000, 0.0000

Same Dimension

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



147.8220, 42.9788, -112.0999



151.7530, 50.9008, -133.0874



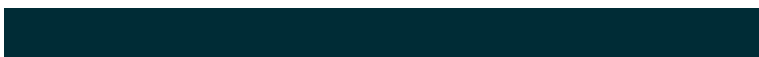
86.7740, 73.0754, -58.5608



112.5370, 2.2003, -5.7329



107.5100, 36.2306, -94.2863



31.9840, 10.8539, -28.0500

Inverse Universe

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



104.3490, 45.1839, 114.5809



100.0710, 53.7020, 135.8727



168.2260, -73.0754, 58.5608



110.3150, 2.3097, 5.8627



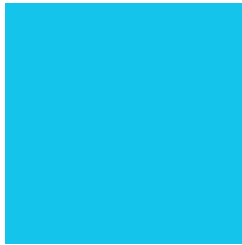
70.9910, 37.9654, 96.4779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 147.8220, 42.9788, -112.0999 looks on a white background.

Color Contrast Check

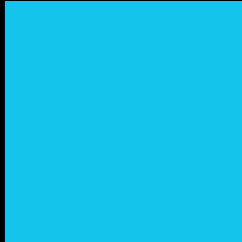
Large Text (above 18pt) WCAG AA × Fail

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 147.8220, 42.9788, -112.0999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

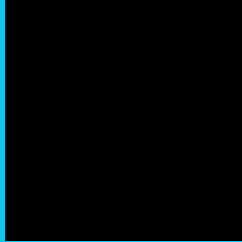
Any Text WCAG AA ✓ Pass

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 147.8220, 42.9788, -112.0999 Background



This preview shows how black text looks on a background with the YUV color 147.8220, 42.9788, -112.0999.



This preview shows how white text looks on a background with the YUV color 147.8220, 42.9788, -112.0999.

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

147.8220, 42.9788, -112.0999

Protanopia

179.3250, 20.5458, -9.9320

Deuteranopia

179.1100, 30.0188, -15.0055



Tritanopia

141.2090, 35.8860, -123.8403

Trichromacy



Original Color

147.8220, 42.9788, -112.0999



Protanomaly

167.8580, 28.6640, -47.2335



Deuteranomaly

167.4430, 34.7846, -50.3775



Tritanomaly

143.6270, 38.6379, -119.8219

Monochromacy



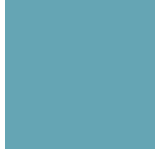
Original Color

147.8220, 42.9788, -112.0999



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.5740, 15.9860, -40.8454

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8220, 42.9788, -112.0999 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, 196, 235)` looks like.

```
.text, #text, p{  
    color:rgb(20, 196, 235)  
}
```

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, 196, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 196, 235) }
```

Border

The CSS property to change the border of an element to YUV 147.8220, 42.9788, -112.0999 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, 196, 235) }
```


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

```
.border{ border-color:rgb(20, 196, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 196, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 196, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 196, 235);  
box-shadow:4px 4px 4px 4px rgb(20, 196,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 147.8220, 42.9788, -112.0999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 196, 235) }
```

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

```
.background{ background-color: rgb(20, 196,  
235) }
```

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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