

Converting Colors

YUV(146.2000, 32.9324,
-109.8004)

Have a look what the booklet for
YUV(146.2000, 32.9324, -109.8004)
contains.

YUV(146.2000, 32.9324, -109.8004)	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(146.2000, 32.9324,
-109.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	15C5D5
RGB	21, 197, 213
RGB Percent	8%, 77%, 84%
CMY	0.9176, 0.2275, 0.1647
CMYK	0.90, 0.08, 0.00, 0.16
HSL	185°, 82%, 46%
HSV	185°, 90%, 84%
XYZ	32.2858, 44.8960, 69.9150
YIQ	146.2000, -110.0320, -32.3360

Conversions

Conversions Part 2

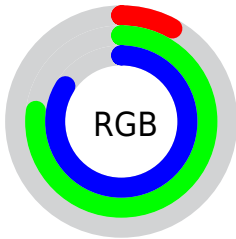
Format	Color
R _Y B	21, 113, 213
Decimal	1426901
CIE Lab	72.82, -33.99, -19.40
CIE LCh	73, 39.138, 209.715
Yxy	44.8960, 0.2195, 0.3052
Android (android.graphics.Color)	4279616981 (0xFF15C5D5)
YUV	146.2000, 32.9324, -109.8004
Hunter-Lab	67.0045, -31.2486, -14.9622

Details

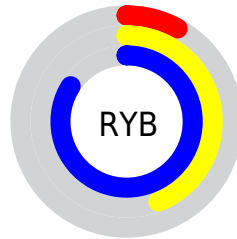
The YUV color **146.2000, 32.9324, -109.8004** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **87.8000, -32.9324, 109.8004**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3570, 21.5160, -88.0131**, and **101.9530, 27.6312, -89.4128** is the 20% darker color. If you saturate the color by 10%, you get **138.7470, 36.6067, -121.6811**, and if you desaturate by 10%, it is **153.6530, 29.2581, -97.9197**.

Distribution



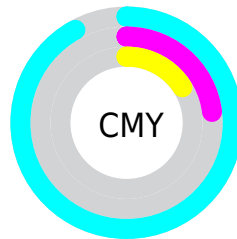
- Red (8%)
- Green (77%)
- Blue (84%)



- Red (8%)
- Yellow (44%)
- Blue (84%)



- Cyan (90%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2000, 32.9324, -109.8004 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 146.2000, 32.9324, -109.8004 by changing the saturation by 10% instead.

146.2000, 32.9324,
-109.8004

146.2000, 32.9324,
-109.8004

255.0000, 0.0000,
0.0000

120.2930, 31.9006,
-105.4970

211.3570, 21.5160,
-88.0131

101.9530, 27.6312,
-89.4128

221.5120, 16.5096,
-68.8550

83.7270, 23.7986,
-73.4286

231.0800, 11.7926,
-49.1822

65.6150, 20.4028,
-57.5444

240.3490, 7.2229,
-30.1241

48.7910, 16.8650,
-42.7897

249.9170, 2.5059,
-10.4512

32.6680, 13.4747,
-28.6498

15.4850, 11.0999,

-13.5803

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 146.2000, 32.9324,
-109.8004

■ 146.2000, 32.9324,
-109.8004

■ 138.7470, 36.6067,
-121.6811

■ 153.6530, 29.2581,
-97.9197

■ 161.4050, 25.4363,
-85.4242

■ 168.2710, 22.0514,
-73.0287

■ 175.7240, 18.3771,
-61.1479

■ 183.4760, 14.5553,
-48.6525

■ 190.9290, 10.8810,
-36.7717

■ 197.7950, 7.4961,
-24.3762

■ 205.2480, 3.8217,
-12.4955

■ 213.0000, 0.0000,
0.0000

Harmonies

Analogous

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



158.5300, 9.1057, -74.1328



146.2000, 32.9324, -109.8004



158.3030, 40.2766, -85.3347

Triad

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



146.2000, 32.9324, -109.8004



183.3460, 15.6054, 34.7766



176.0930, -34.5558, 23.5974

Complementary

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



146.2000, 32.9324, -109.8004



87.8000, -32.9324, 109.8004

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.



178.7890, -29.9690, 45.7890



146.2000, 32.9324, -109.8004



182.4120, -1.1891, 54.8897

Square

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



146.2000, 32.9324, -109.8004



181.6820, 29.2438, 0.2789



180.7810, -17.6400, 58.0741



172.2140, -28.2065, -6.3267

Rectangle

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



146.2000, 32.9324, -109.8004



168.9630, 39.4582, -56.0956



180.7810, -17.6400, 58.0741



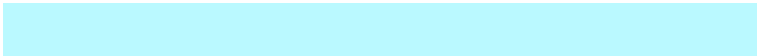
176.9630, -33.9988, 31.6044

Sweetspot

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



146.2000, 32.9324, -109.8004



230.8470, 11.9074, -39.3308



135.5280, -48.5743, -100.4411



113.3930, 7.2013, -23.1467



0.0000, 0.0000, 0.0000



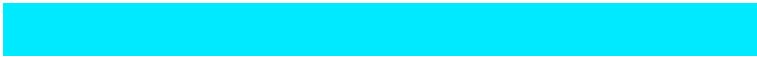
128.0000, 0.0000, 0.0000

Same Dimension

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



146.2000, 32.9324, -109.8004



166.4280, 43.6660, -145.9574



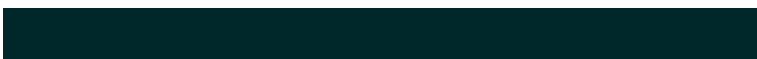
89.8480, 60.7139, -60.3797



103.1240, 1.9109, -6.2477



111.6530, 29.2581, -97.9197



28.3820, 7.2067, -24.8910

Inverse Universe

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



98.4720, 48.5743, 100.4411



102.9210, 64.6219, 133.3733



144.1520, -60.7139, 60.3797



100.4290, 2.7465, 5.7628



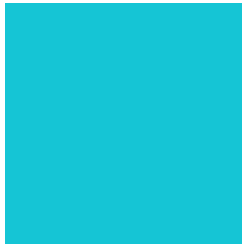
69.0270, 43.3707, 89.4303



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 146.2000, 32.9324, -109.8004 looks on a white background.

Color Contrast Check

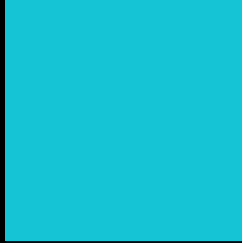
Large Text (above 18pt) WCAG AA × Fail

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 146.2000, 32.9324, -109.8004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

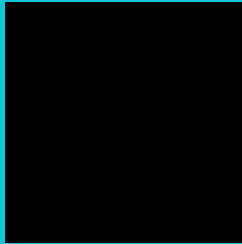
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

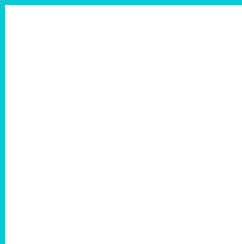
Any Text WCAG AAA ✓ Pass

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

YUV 146.2000, 32.9324, -109.8004 Background



This preview shows how black text looks on a background with the YUV color 146.2000, 32.9324, -109.8004.



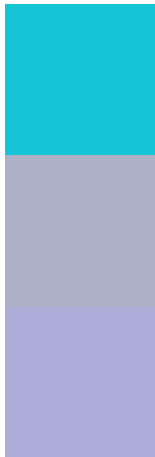
This preview shows how white text looks on a background with the YUV color 146.2000, 32.9324, -109.8004.

-109.8004.

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

146.2000, 32.9324, -109.8004

Protanopia

178.0240, 10.3412, -3.5290

Deuteranopia

179.0160, 19.2191, -4.3990



Tritanopia

146.2000, 32.9324, -109.8004

Trichromacy



Original Color

146.2000, 32.9324, -109.8004



Protanomaly

166.5460, 18.4648, -42.5748



Deuteranomaly

166.7400, 24.2852, -42.7450



Tritanomaly

146.2000, 32.9324, -109.8004

Monochromacy



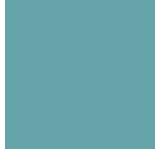
Original Color

146.2000, 32.9324, -109.8004



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.4340, 11.6180, -39.8456

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2000, 32.9324, -109.8004 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(21, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(21, 197, 213)  
}
```

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(21, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 197, 213) }
```

Border

The CSS property to change the border of an element to YUV 146.2000, 32.9324, -109.8004 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(21, 197, 213) }
```


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

```
.border{ border-color:rgb(21, 197, 213) }
```

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

Here you see how a box with a 4 pixel rgb(21, 197, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(21, 197,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 146.2000, 32.9324, -109.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 197, 213) }
```

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

```
.background{ background-color: rgb(21, 197,  
213) }
```

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