

Converting Colors

YUV(172.6450, 24.3320,
-151.4097)

Have a look what the booklet for
YUV(172.6450, 24.3320, -151.4097)
contains.

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Color

**YUV(172.6450, 24.3320,
-151.4097)**

Conversions

Conversions Part 1

Format	Color
Hex	00FBDE
RGB	0, 251, 222
RGB Percent	0%, 98%, 87%
CMY	1.0000, 0.0157, 0.1294
CMYK	1.00, 0.00, 0.12, 0.02
HSL	173°, 100%, 49%
HSV	173°, 100%, 98%
XYZ	47.6820, 74.2683, 80.9294
YIQ	172.6450, -140.2870, -62.2310

Conversions

Conversions Part 2

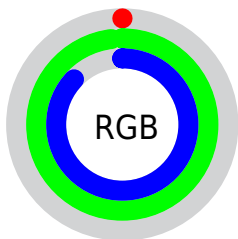
Format	Color
RYB	0, 133, 251
Decimal	64478
CIELab	89.05, -55.51, -0.05
CIELCh	89, 55.507, 180.049
Yxy	74.2683, 0.2350, 0.3661
Android (android.graphics.Color)	4278254558 (0xFF00FBDE)
YUV	172.6450, 24.3320, -151.4097
Hunter-Lab	86.1791, -52.0511, 4.6471

Details

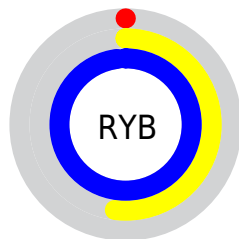
The YUV color **172.6450, 24.3320, -151.4097** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **78.3550, -24.3320, 151.4097**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **132.3290, 17.0928, -116.0525** is the 20% darker color. If you saturate the color by 10%, you get **172.6450, 24.3320, -151.4097**, and if you desaturate by 10%, it is **180.4620, 21.9572, -136.3402**.

Distribution



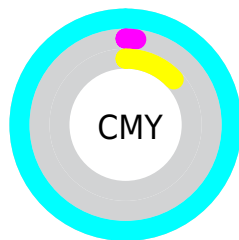
- Red (0%)
- Green (98%)
- Blue (87%)



- Red (0%)
- Yellow (52%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6450, 24.3320, -151.4097 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 172.6450, 24.3320, -151.4097 by changing the saturation by 10% instead.

172.6450, 24.3320,
-151.4097

172.6450, 24.3320,
-151.4097

255.0000, 0.0000,
0.0000

152.4300, 20.4940,
-133.6811

213.7380, 20.3422,
-84.8392

132.3290, 17.0928,
-116.0525

224.2030, 15.1829,
-63.3220

112.9290, 13.8390,
-99.0387

234.3690, 10.1711,
-42.4196

94.1160, 10.2958,
-82.5397

243.9370, 5.4541,
-22.7467

76.1180, 7.3368,
-66.7555

253.8040, 0.5896,
-2.4591

58.1200, 4.3778,
-50.9712

40.9370, 2.0031,

-35.9017

■ 25.1560, -0.0769,
-22.0618

■ 0.0000, 0.0000,
0.0000

■ 172.6450, 24.3320,
-151.4097

■ 180.4620, 21.9572,
-136.3402

■ 188.2790, 19.5825,
-121.2707

■ 196.0960, 17.2077,
-106.2012

■ 203.9130, 14.8329,
-91.1317

■ 212.0290, 12.3107,
-75.4474

■ 219.7320, 9.4991,
-60.2780

■ 227.5490, 7.1243,
-45.2085

■ 235.3660, 4.7496,
-30.1390

■ 243.1830, 2.3748,
-15.0695

Harmonies

Analogous

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



204.3320, -17.4187, -59.9272



172.6450, 24.3320, -151.4097



175.8200, 39.0357, -154.1941

Triad

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



172.6450, 24.3320, -151.4097



220.5120, 17.0026, 6.5670



209.9810, -37.9516, 39.4817

Complementary

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



172.6450, 24.3320, -151.4097



78.3550, -24.3320, 151.4097

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.



204.5620, -15.5601, 44.2341



172.6450, 24.3320, -151.4097



217.4320, 18.5210, 32.9471

Square

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



172.6450, 24.3320, -151.4097



204.1570, 25.0656, -59.7737



207.6690, 9.0372, 41.5093



219.0820, -51.3124, 31.5001

Rectangle

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



172.6450, 24.3320, -151.4097



173.4720, 40.1933, -152.1349



207.6690, 9.0372, 41.5093



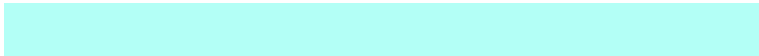
207.7130, -31.4105, 41.4707

Sweetspot

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



172.6450, 24.3320, -151.4097



231.2500, 7.2717, -45.8233



156.0080, -76.9119, -111.3860



113.5620, 4.1599, -27.6799



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.



172.6450, 24.3320, -151.4097



175.4490, 24.9216, -153.8688



119.5990, 64.7807, -104.8883



120.9990, 1.4795, -7.8921



129.9810, 18.2504, -113.9933



41.9630, 5.9342, -36.8016

Inverse Universe

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



78.3550, -24.3320, 151.4097



79.5510, -24.9216, 153.8688



131.4010, -64.7807, 104.8883



116.1150, -1.0427, 7.7921



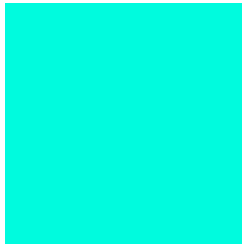
59.0190, -18.2504, 113.9933



19.0370, -5.9342, 36.8016

Previews

White Background



This preview shows how the YUV color 172.6450, 24.3320, -151.4097 looks on a white background.

Color Contrast Check

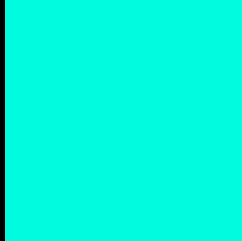
Large Text (above 18pt) WCAG AA × Fail

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 172.6450, 24.3320, -151.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

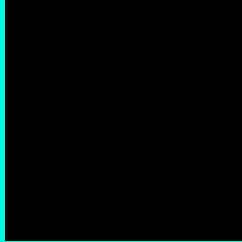
Any Text WCAG AA ✓ Pass

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 172.6450, 24.3320, -151.4097 Background



This preview shows how black text looks on a background with the YUV color 172.6450, 24.3320, -151.4097.

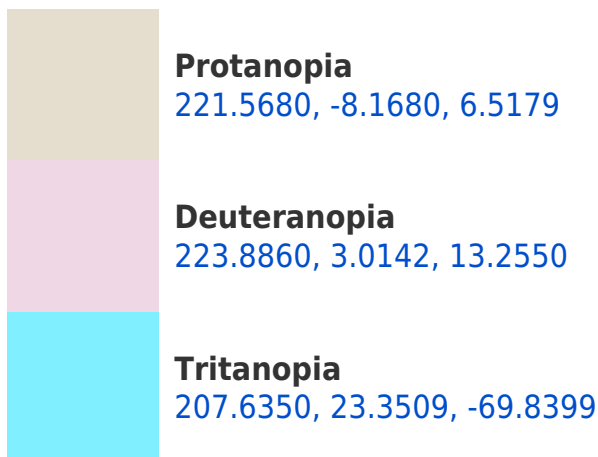


This preview shows how white text looks on a background with the YUV color 172.6450, 24.3320, -151.4097.

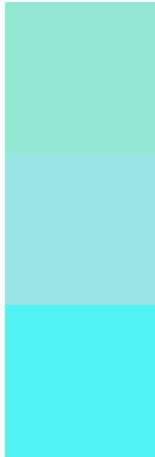
Color Blindness Simulation

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



Trichromacy



Protanomaly

203.8920, 3.5042, -50.7713

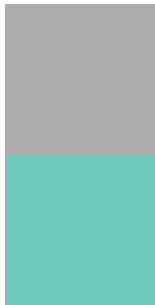
Deuteranomaly

205.1620, 10.7661, -46.6231

Tritanomaly

194.5620, 23.8799, -99.5939

Monochromacy



Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6510, 9.0461, -54.9449

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6450, 24.3320, -151.4097 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, 251, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 251, 222)  
}
```

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, 251, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 251, 222) }
```

Border

The CSS property to change the border of an element to YUV 172.6450, 24.3320, -151.4097 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, 251, 222) }
```

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

```
.border{ border-color:rgb(0, 251, 222) }
```

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

Here you see how a box with a 4 pixel rgb(0, 251, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 251, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 251, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 251,  
222) }
```


Background

The CSS property to change the background color of an element to YUV 172.6450, 24.3320, -151.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 251, 222) }
```

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

```
.background{ background-color: rgb(0, 251,  
222) }
```

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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