

Converting Colors

YUV(172.4360, 34.7881,
-145.0874)

Have a look what the booklet for
YUV(172.4360, 34.7881, -145.0874)
contains.

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Color

**YUV(172.4360, 34.7881,
-145.0874)**

Conversions

Conversions Part 1

Format	Color
Hex	07F3F3
RGB	7, 243, 243
RGB Percent	3%, 95%, 95%
CMY	0.9725, 0.0471, 0.0471
CMYK	0.97, 0.00, 0.00, 0.05
HSL	180°, 94%, 49%
HSV	180°, 97%, 95%
XYZ	48.3159, 70.6174, 95.8780
YIQ	172.4360, -140.6560, -50.0320

Conversions

Conversions Part 2

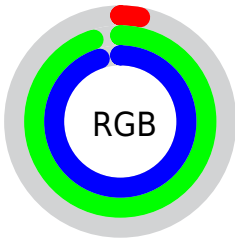
Format	Color
RYB	7, 125, 243
Decimal	521203
CIELab	87.30, -46.21, -13.60
CIELCh	87, 48.168, 196.395
Yxy	70.6174, 0.2249, 0.3287
Android (android.graphics.Color)	4278711283 (0xFF07F3F3)
YUV	172.4360, 34.7881, -145.0874
Hunter-Lab	84.0342, -44.4303, -8.8225

Details

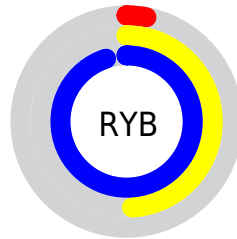
The YUV color **172.4360, 34.7881, -145.0874** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **77.5640, -34.7881, 145.0874**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3360, 20.0474, -83.6097**, and **130.5000, 27.8545, -114.4485** is the 20% darker color. If you saturate the color by 10%, you get **170.3430, 35.8199, -149.3908**, and if you desaturate by 10%, it is **179.6120, 31.2503, -130.3327**.

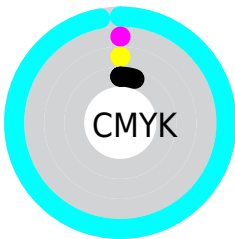
Distribution



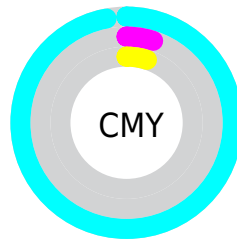
- Red (3%)
- Green (95%)
- Blue (95%)



- Red (3%)
- Yellow (49%)
- Blue (95%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (97%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4360, 34.7881, -145.0874 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 172.4360, 34.7881, -145.0874 by changing the saturation by 10% instead.

172.4360, 34.7881,
-145.0874

172.4360, 34.7881,
-145.0874

255.0000, 0.0000,
0.0000

150.1280, 31.9819,
-131.6623

214.3360, 20.0474,
-83.6097

130.5000, 27.8545,
-114.4485

224.8010, 14.8881,
-62.0925

110.9860, 24.1639,
-97.3347

234.6680, 10.0237,
-41.8048

92.7600, 20.3313,
-81.3505

244.5350, 5.1592,
-21.5172

74.6480, 16.9355,
-65.4663

254.1030, 0.4422,
-1.8443

56.5360, 13.5398,
-49.5821

39.8260, 10.4388,

-34.9274

■ 24.4040, 7.1958,
-21.4023

■ 2.7530, 8.0098,
-2.4144

■ 172.4360, 34.7881,
-145.0874

■ 172.4360, 34.7881,
-145.0874

■ 170.3430, 35.8199,
-149.3908

■ 179.6120, 31.2503,
-130.3327

■ 187.0870, 27.5651,
-114.9633

■ 194.2630, 24.0273,
-100.2087

■ 201.4390, 20.4896,
-85.4540

■ 208.6150, 16.9518,
-70.6994

■ 216.0900, 13.2666,
-55.3299

■ 223.2660, 9.7289,
-40.5753

■ 230.4420, 6.1911,
-25.8206

■ 237.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



197.5870, -0.7824, -75.9368



172.4360, 34.7881, -145.0874



169.3630, 42.2190, -148.5314

Triad

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



172.4360, 34.7881, -145.0874



221.5410, 16.4953, 29.3435



213.7480, -41.2878, 36.1780

Complementary

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



172.4360, 34.7881, -145.0874



77.5640, -34.7881, 145.0874

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.



207.0920, -26.1744, 42.0153



172.4360, 34.7881, -145.0874



212.4280, 14.5790, 37.3356

Square

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



172.4360, 34.7881, -145.0874



212.6830, 20.8623, -18.1390



205.8960, -5.3717, 43.0642



212.8710, -41.3484, 8.8831

Rectangle

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



172.4360, 34.7881, -145.0874



188.8640, 32.6050, -98.1047



205.8960, -5.3717, 43.0642



210.9100, -36.9306, 38.6669

Sweetspot

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



172.4360, 34.7881, -145.0874



232.8740, 10.9081, -45.4935



145.5320, -68.2963, -121.4926



114.5450, 6.6333, -27.6650



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.



172.4360, 34.7881, -145.0874



178.7550, 37.5888, -156.7681



103.1700, 68.9362, -84.3411



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718

Inverse Universe

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



104.4680, 68.2963, 121.4926



105.3150, 73.7947, 131.2737



146.8300, -68.9362, 84.3411



114.9560, 3.4727, 6.1776



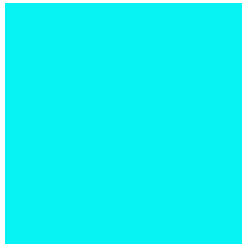
76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Previews

White Background



This preview shows how the YUV color 172.4360, 34.7881, -145.0874 looks on a white background.

Color Contrast Check

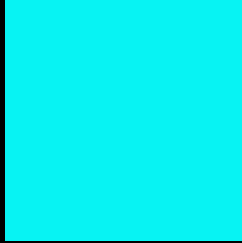
Large Text (above 18pt) WCAG AA × Fail

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 172.4360, 34.7881, -145.0874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

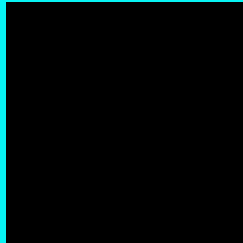
Any Text WCAG AA ✓ Pass

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 172.4360, 34.7881, -145.0874 Background



This preview shows how black text looks on a background with the YUV color 172.4360, 34.7881, -145.0874.



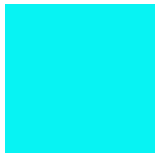
This preview shows how white text looks on a background with the YUV color 172.4360, 34.7881, -145.0874.

-145.0874.

Color Blindness Simulation

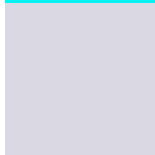
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

172.4360, 34.7881, -145.0874



Protanopia

217.7380, 4.0732, 0.2298



Deuteranopia

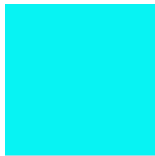
218.7350, 15.4136, 2.8634



Tritanopia

196.2840, 28.9470, -91.4571

Trichromacy



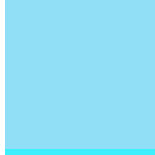
Original Color

172.4360, 34.7881, -145.0874



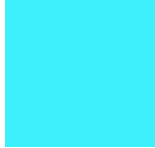
Protanomaly

201.2690, 15.1504, -52.8559



Deuteranomaly

202.1150, 22.1283, -50.9669



Tritanomaly

187.7330, 31.1906, -111.1448

Monochromacy



Original Color

172.4360, 34.7881, -145.0874



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

172.2860, 12.6770, -52.8708

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4360, 34.7881, -145.0874 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(7, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(7, 243, 243)  
}
```

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(7, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 243, 243) }
```

Border

The CSS property to change the border of an element to YUV 172.4360, 34.7881, -145.0874 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(7, 243, 243) }
```


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

```
.border{ border-color:rgb(7, 243, 243) }
```

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

Here you see how a box with a 4 pixel rgb(7, 243, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(7, 243,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 172.4360, 34.7881, -145.0874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 243, 243) }
```

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

```
.background{ background-color: rgb(7, 243,  
243) }
```

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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