

Converting Colors

YUV(178.8760, 24.2181,
-114.7783)

Have a look what the booklet for
YUV(178.8760, 24.2181, -114.7783)
contains.

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Color

**YUV(178.8760, 24.2181,
-114.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	30ECE4
RGB	48, 236, 228
RGB Percent	19%, 93%, 89%
CMY	0.8118, 0.0745, 0.1059
CMYK	0.80, 0.00, 0.03, 0.07
HSL	177°, 83%, 56%
HSV	177°, 80%, 93%
XYZ	45.2180, 66.2207, 83.7974
YIQ	178.8760, -109.4800, -42.3440

Conversions

Conversions Part 2

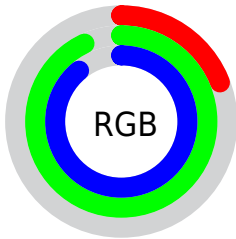
Format	Color
RYB	48, 144, 236
Decimal	3206372
CIELab	85.11, -45.49, -8.96
CIELCh	85, 46.361, 191.139
Yxy	66.2207, 0.2316, 0.3392
Android (android.graphics.Color)	4281396452 (0xFF30ECE4)
YUV	178.8760, 24.2181, -114.7783
Hunter-Lab	81.3761, -43.2218, -4.0909

Details

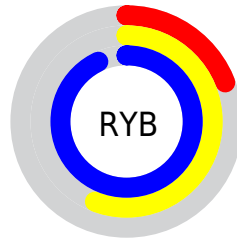
The YUV color **178.8760, 24.2181, -114.7783** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **105.1240, -24.2181, 114.7783**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0270, 18.7207, -78.0767**, and **124.7950, 23.7651, -109.4452** is the 20% darker color. If you saturate the color by 10%, you get **171.5860, 27.3191, -129.4329**, and if you desaturate by 10%, it is **186.1660, 21.1172, -100.1236**.

Distribution



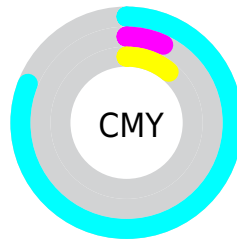
- Red (19%)
- Green (93%)
- Blue (89%)



- Red (19%)
- Yellow (56%)
- Blue (93%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (81%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.8760, 24.2181, -114.7783 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 178.8760, 24.2181, -114.7783 by changing the saturation by 10% instead.

178.8760, 24.2181,
-114.7783

178.8760, 24.2181,
-114.7783

255.0000, 0.0000,
0.0000

144.3090, 27.4557,
-126.5590

217.0270, 18.7207,
-78.0767

124.7950, 23.7651,
-109.4452

226.8940, 13.8563,
-57.7890

105.8680, 19.7851,
-92.8462

236.4620, 9.1392,
-38.1162

87.0550, 16.2419,
-76.3472

246.0300, 4.4222,
-18.4433

69.6440, 12.9935,
-61.0778

52.2330, 9.7451,
-45.8083

35.6370, 7.0810,

-31.2536

■ 19.1550, 4.8536,
-16.7989

■ 0.1140, 0.4368,
-0.1000

■ 178.8760, 24.2181,
-114.7783

■ 178.8760, 24.2181,
-114.7783

■ 171.5860, 27.3191,
-129.4329

■ 186.1660, 21.1172,
-100.1236

■ 164.5950, 30.2727,
-143.4728

■ 193.1570, 18.1636,
-86.0837

■ 164.2960, 30.4201,
-144.0876

■ 200.4470, 15.0626,
-71.4290

■ 207.4380, 12.1091,
-57.3891

■ 214.7280, 9.0081,
-42.7345

■ 222.0180, 5.9071,
-28.0798

■ 229.0090, 2.9536,
-14.0399

■ 236.2990, -0.1474,
0.6148

■ 241.7950, -2.3639,
11.5808

Harmonies

Analogous

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



194.3990, -5.6197, -64.3709



178.8760, 24.2181, -114.7783



165.8410, 43.9554, -145.4426

Triad

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



178.8760, 24.2181, -114.7783



214.6970, 19.8694, 20.4367



208.4650, -38.6832, 40.8112

Complementary

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



178.8760, 24.2181, -114.7783



105.1240, -24.2181, 114.7783

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.



203.3250, -22.8382, 45.3190



178.8760, 24.2181, -114.7783



210.6670, 15.4472, 38.8800

Square

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



178.8760, 24.2181, -114.7783



205.2520, 24.5258, -26.5310



203.3030, -2.6144, 45.3383



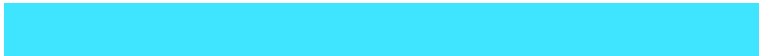
207.7300, -40.7859, 15.1458

Rectangle

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



178.8760, 24.2181, -114.7783



181.7430, 36.1157, -104.1376



203.3030, -2.6144, 45.3383



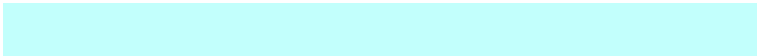
206.3280, -34.1787, 42.6853

Sweetspot

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



178.8760, 24.2181, -114.7783



236.4190, 7.6814, -37.2015



161.0470, -55.7322, -91.2492



116.7090, 4.5805, -22.5468



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.



178.8760, 24.2181, -114.7783



180.6050, 31.7467, -149.6206



129.8930, 52.3108, -71.8202



113.7110, 1.6215, -6.7625



125.9690, 23.1863, -110.4748



37.5120, 6.6496, -32.8980

Inverse Universe

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



105.1240, -24.2181, 114.7783



84.5090, -31.3099, 149.5206



154.1070, -52.3108, 71.8202



109.2890, -1.6215, 6.7625



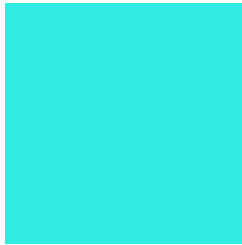
55.0310, -23.1863, 110.4748



16.3740, -7.0864, 32.9980

Previews

White Background



This preview shows how the YUV color 178.8760, 24.2181, -114.7783 looks on a white background.

Color Contrast Check

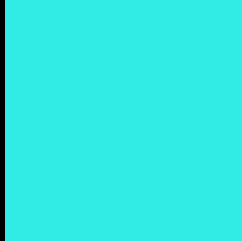
Large Text (above 18pt) WCAG AA × Fail

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 178.8760, 24.2181, -114.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

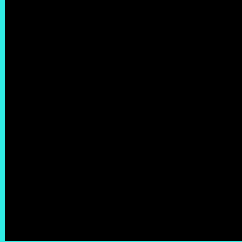
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

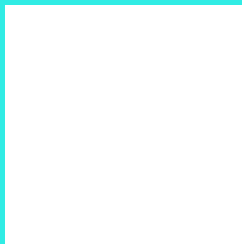
Any Text WCAG AAA ✓ Pass

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

YUV 178.8760, 24.2181, -114.7783 Background



This preview shows how black text looks on a background with the YUV color 178.8760, 24.2181, -114.7783.

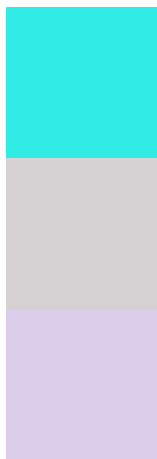


This preview shows how white text looks on a background with the YUV color 178.8760, 24.2181, -114.7783.

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

178.8760, 24.2181, -114.7783

Protanopia

211.4240, 0.2840, 2.2592

Deuteranopia

212.9050, 10.8928, 6.2223



Tritanopia

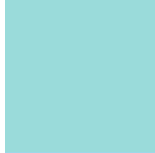
184.8310, 32.6213, -103.3378

Trichromacy



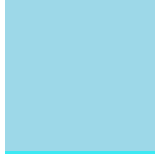
Original Color

178.8760, 24.2181, -114.7783



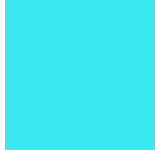
Protanomaly

199.4510, 9.1447, -39.8605



Deuteranomaly

200.1830, 15.6858, -37.8715



Tritanomaly

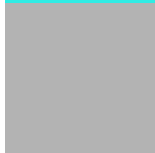
182.4130, 29.8694, -107.3562

Monochromacy



Original Color

178.8760, 24.2181, -114.7783



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.0270, 8.8607, -42.1197

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.8760, 24.2181, -114.7783 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(48, 236, 228)` looks like.

```
.text, #text, p{  
    color:rgb(48, 236, 228)  
}
```

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(48, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 236, 228) }
```

Border

The CSS property to change the border of an element to YUV 178.8760, 24.2181, -114.7783 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(48, 236, 228) }
```


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

```
.border{ border-color:rgb(48, 236, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 236, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 236, 228);  
box-shadow:4px 4px 4px 4px rgb(48, 236,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 178.8760, 24.2181, -114.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 236, 228) }
```

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

```
.background{ background-color: rgb(48, 236,  
228) }
```

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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