

Converting Colors

YUV(178.0870, 27.5651,
-114.9633)

Have a look what the booklet for
YUV(178.0870, 27.5651, -114.9633)
contains.

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Color

**YUV(178.0870, 27.5651,
-114.9633)**

Conversions

Conversions Part 1

Format	Color
Hex	2FEAEA
RGB	47, 234, 234
RGB Percent	18%, 92%, 92%
CMY	0.8157, 0.0824, 0.0824
CMYK	0.80, 0.00, 0.00, 0.08
HSL	180°, 82%, 55%
HSV	180°, 80%, 92%
XYZ	45.4464, 65.3905, 88.0683
YIQ	178.0870, -111.4520, -39.6440

Conversions

Conversions Part 2

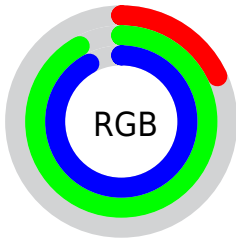
Format	Color
RYB	47, 141, 234
Decimal	3140330
CIELab	84.68, -43.00, -12.75
CIELCh	85, 44.853, 196.515
Yxy	65.3905, 0.2285, 0.3288
Android (android.graphics.Color)	4281330410 (0xFF2FEAEA)
YUV	178.0870, 27.5651, -114.9633
Hunter-Lab	80.8644, -41.1943, -7.9668

Details

The YUV color **178.0870, 27.5651, -114.9633** 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 **102.9130, -27.5651, 114.9633**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0270, 18.7207, -78.0767**, and **124.7780, 26.2384, -109.4303** is the 20% darker color. If you saturate the color by 10%, you get **171.2100, 30.9555, -129.1032**, and if you desaturate by 10%, it is **184.9640, 24.1747, -100.8234**.

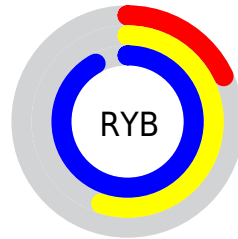
Distribution



Red (18%)

Green (92%)

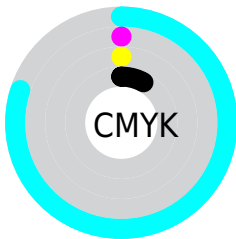
Blue (92%)



Red (18%)

Yellow (55%)

Blue (92%)

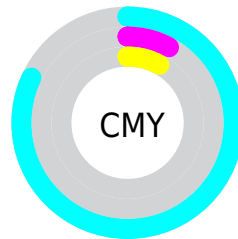


Cyan (80%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (82%)

Magenta (8%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0870, 27.5651, -114.9633 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 178.0870, 27.5651, -114.9633 by changing the saturation by 10% instead.

178.0870, 27.5651,
-114.9633

178.0870, 27.5651,
-114.9633

255.0000, 0.0000,
0.0000

143.8190, 30.6552,
-126.1293

217.0270, 18.7207,
-78.0767

124.7780, 26.2384,
-109.4303

226.8940, 13.8563,
-57.7890

105.3780, 22.9846,
-92.4165

236.4620, 9.1392,
-38.1162

87.1520, 19.1521,
-76.4323

246.0300, 4.4222,
-18.4433

69.0400, 15.7563,
-60.5481

51.6290, 12.5079,
-45.2786

35.5060, 9.1175,

-31.1388

■ 19.0240, 6.8902,
-16.6840

■ 1.0260, 3.9312,
-0.8998

■ 178.0870, 27.5651,
-114.9633

■ 178.0870, 27.5651,
-114.9633

■ 171.2100, 30.9555,
-129.1032

■ 184.9640, 24.1747,
-100.8234

■ 164.0340, 34.4932,
-143.8578

■ 192.1400, 20.6370,
-86.0688

■ 199.0170, 17.2466,
-71.9289

■ 206.1930, 13.7089,
-57.1743

■ 213.0700, 10.3185,
-43.0344

■ 219.9470, 6.9281,
-28.8945

■ 227.1230, 3.3904,
-14.1399

■ 234.0000, 0.0000,
0.0000

■ 240.2790, -3.0955,
12.9103

Harmonies

Analogous

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



192.2180, -1.0935, -69.4742



178.0870, 27.5651, -114.9633



173.6480, 40.1065, -124.2253

Triad

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



178.0870, 27.5651, -114.9633



215.0290, 19.7057, 26.2846



209.5250, -39.6988, 39.8816

Complementary

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



178.0870, 27.5651, -114.9633



102.9130, -27.5651, 114.9633

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.



203.9290, -25.6010, 44.7893



178.0870, 27.5651, -114.9633



208.3530, 11.6580, 40.9094

Square

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



178.0870, 27.5651, -114.9633



206.7910, 23.7670, -16.4797



202.8640, -6.8350, 45.7233



206.0820, -38.0014, 8.6981

Rectangle

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



178.0870, 27.5651, -114.9633



187.4570, 33.2987, -87.2238



202.8640, -6.8350, 45.7233



207.1600, -36.0679, 41.9557

Sweetspot

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



178.0870, 27.5651, -114.9633



236.7610, 8.9918, -37.5014



156.7690, -54.1161, -96.2674



116.9370, 5.4541, -22.7467



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.



178.0870, 27.5651, -114.9633



181.7450, 36.1147, -150.6204



123.4960, 54.4785, -67.0870



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



124.2310, 54.1161, 96.2674



111.1850, 70.9008, 126.1258



158.0910, -54.7679, 66.5722



110.5430, 3.1833, 5.6628



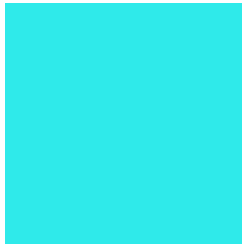
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 178.0870, 27.5651, -114.9633 looks on a white background.

Color Contrast Check

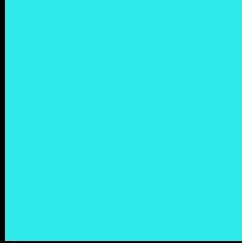
Large Text (above 18pt) WCAG AA × Fail

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 178.0870, 27.5651, -114.9633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

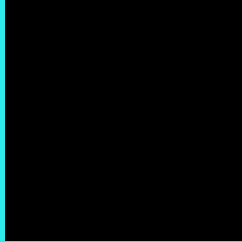
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

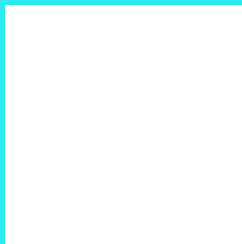
Any Text WCAG AAA ✓ Pass

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

YUV 178.0870, 27.5651, -114.9633 Background



This preview shows how black text looks on a background with the YUV color 178.0870, 27.5651, -114.9633.

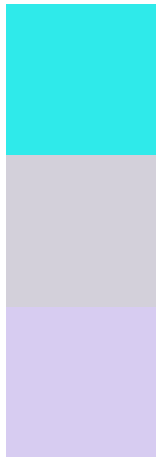


This preview shows how white text looks on a background with the YUV color 178.0870, 27.5651, -114.9633.

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

178.0870, 27.5651, -114.9633

Protanopia

210.0370, 3.9258, 0.8446

Deuteranopia

211.5070, 14.5400, 3.0634



Tritanopia

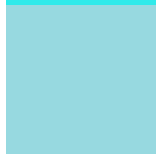
182.3360, 33.3584, -106.4117

Trichromacy



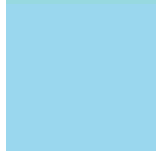
Original Color

178.0870, 27.5651, -114.9633



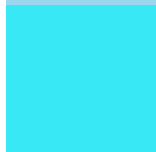
Protanomaly

198.0640, 12.7864, -41.2751



Deuteranomaly

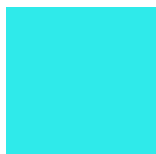
199.3830, 19.0382, -39.8009



Tritanomaly

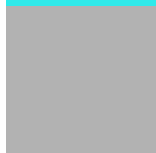
180.7440, 31.1852, -109.4005

Monochromacy



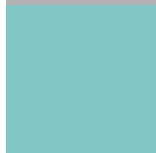
Original Color

178.0870, 27.5651, -114.9633



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.6680, 10.0237, -41.8048

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0870, 27.5651, -114.9633 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(47, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(47, 234, 234)  
}
```

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(47, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 234, 234) }
```

Border

The CSS property to change the border of an element to YUV 178.0870, 27.5651, -114.9633 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(47, 234, 234) }
```


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

```
.border{ border-color:rgb(47, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(47, 234,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 178.0870, 27.5651, -114.9633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 234, 234) }
```

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

```
.background{ background-color: rgb(47, 234,  
234) }
```

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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