

Converting Colors

YUV(178.7750, 20.8169,
-97.1497)

Have a look what the booklet for
YUV(178.7750, 20.8169, -97.1497)
contains.

YUV(178.7750, 20.8169, -97.1497)	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(178.7750, 20.8169,
-97.1497)**

Conversions

Conversions Part 1

Format	Color
Hex	44E3DD
RGB	68, 227, 221
RGB Percent	27%, 89%, 87%
CMY	0.7333, 0.1098, 0.1333
CMYK	0.70, 0.00, 0.03, 0.11
HSL	178°, 74%, 58%
HSV	178°, 70%, 89%
XYZ	42.9041, 61.3876, 77.9943
YIQ	178.7750, -92.8380, -35.5740

Conversions

Conversions Part 2

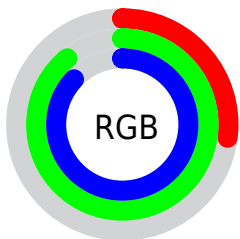
Format	Color
RYB	68, 149, 227
Decimal	4514781
CIELab	82.59, -41.39, -8.97
CIElCh	83, 42.352, 192.231
Yxy	61.3876, 0.2354, 0.3368
Android (android.graphics.Color)	4282704861 (0xFF44E3DD)
YUV	178.7750, 20.8169, -97.1497
Hunter-Lab	78.3502, -39.3673, -4.1755

Details

The YUV color **178.7750, 20.8169, -97.1497** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **116.2250, -20.8169, 97.1497**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0170, 17.2466, -71.9289**, and **119.3010, 23.0226, -104.6270** is the 20% darker color. If you saturate the color by 10%, you get **171.7840, 23.7705, -111.1896**, and if you desaturate by 10%, it is **185.7660, 17.8634, -83.1098**.

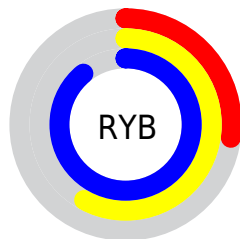
Distribution



Red (27%)

Green (89%)

Blue (87%)



Red (27%)

Yellow (58%)

Blue (89%)

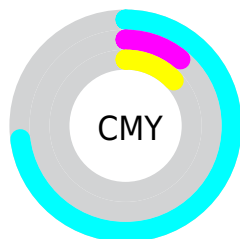


Cyan (70%)

Magenta (0%)

Yellow (3%)

Black (11%)



Cyan (73%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.7750, 20.8169, -97.1497 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 178.7750, 20.8169, -97.1497 by changing the saturation by 10% instead.

■ 178.7750, 20.8169,
-97.1497

■ 178.7750, 20.8169,
-97.1497

255.0000, 0.0000,
0.0000

■ 139.4130, 26.4184,
-120.5112

■ 220.0170, 17.2466,
-71.9289

■ 119.3010, 23.0226,
-104.6270

■ 229.2860, 12.6770,
-52.8708

■ 100.4880, 19.4794,
-88.1280

■ 238.5550, 8.1074,
-33.8127

■ 82.2620, 15.6468,
-72.1438

■ 247.8240, 3.5378,
-14.7546

■ 64.2640, 12.6878,
-56.3595

■ 47.4400, 9.1501,
-41.6049

■ 31.4310, 6.1965,

-27.5650

■ 12.7150, 5.5635,
-11.1511

■ 0.0000, 0.0000,
0.0000

■ 178.7750, 20.8169,
-97.1497

■ 178.7750, 20.8169,
-97.1497

■ 171.7840, 23.7705,
-111.1896

■ 185.7660, 17.8634,
-83.1098

■ 165.0920, 26.5766,
-124.6147

■ 192.4580, 15.0572,
-69.6847

■ 158.1010, 29.5302,
-138.6546

■ 199.4490, 12.1036,
-55.6448

■ 206.3260, 8.7133,
-41.5049

■ 213.0180, 5.9071,
-28.0798

■ 220.0090, 2.9536,
-14.0399

■ 227.0000, 0.0000,
0.0000

■ 233.9910, -2.9536,
14.0399

■ 235.6000, -3.2538,
17.0138

Harmonies

Analogous

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



189.0730, -4.4730, -58.8230



178.7750, 20.8169, -97.1497



174.6110, 39.6318, -111.9148

Triad

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



178.7750, 20.8169, -97.1497



209.0820, 22.6376, 19.2221



204.6330, -36.7941, 41.5409

Complementary

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



178.7750, 20.8169, -97.1497



116.2250, -20.8169, 97.1497

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.



200.6350, -22.9911, 47.6781



178.7750, 20.8169, -97.1497



207.0650, 11.8000, 42.0390

Square

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



178.7750, 20.8169, -97.1497



201.1430, 26.5515, -22.9274



200.7440, -4.8038, 47.5825



201.1580, -36.5599, 13.0164

Rectangle

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



178.7750, 20.8169, -97.1497



183.0380, 35.4773, -85.9793



200.7440, -4.8038, 47.5825



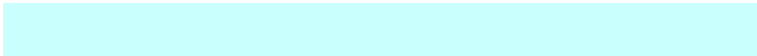
203.2790, -33.1685, 45.3593

Sweetspot

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



178.7750, 20.8169, -97.1497



238.6260, 7.0864, -32.9980



163.7250, -47.1924, -76.9348



118.2040, 3.8434, -19.4729



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.



178.7750, 20.8169, -97.1497



190.1020, 28.0507, -130.7625



137.1950, 44.2739, -60.6840



111.2980, 1.3321, -7.2773



124.6810, 23.3283, -109.3452



35.5230, 6.6442, -31.1537

Inverse Universe

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



116.2250, -20.8169, 97.1497



105.8980, -28.0507, 130.7625



157.8050, -44.2739, 60.6840



106.7020, -1.3321, 7.2773



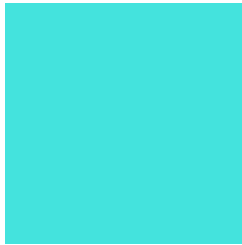
54.3190, -23.3283, 109.3452



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 178.7750, 20.8169, -97.1497 looks on a white background.

Color Contrast Check

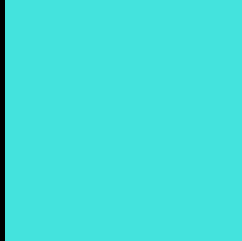
Large Text (above 18pt) WCAG AA × Fail

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 178.7750, 20.8169, -97.1497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

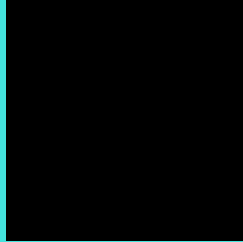
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

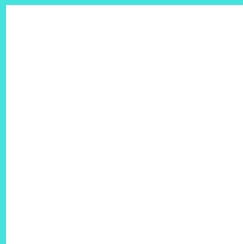
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.7750, 20.8169, -97.1497

Background



This preview shows how black text looks on a background with the YUV color 178.7750, 20.8169, -97.1497.

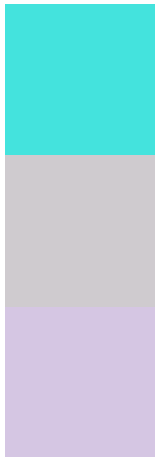


This preview shows how white text looks on a background with the YUV color 178.7750, 20.8169, -97.1497.

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

178.7750, 20.8169, -97.1497

Protanopia

204.6520, 1.1576, 2.0592

Deuteranopia

205.7910, 10.4560, 6.3223



Tritanopia

182.9960, 29.0890, -90.3275

Trichromacy



Original Color

178.7750, 20.8169, -97.1497



Protanomaly

195.2560, 8.2548, -34.4275



Deuteranomaly

196.1730, 14.2117, -31.7237



Tritanomaly

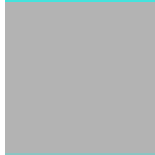
181.4750, 25.8948, -92.5016

Monochromacy



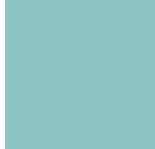
Original Color

178.7750, 20.8169, -97.1497



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.7290, 7.5286, -34.8423

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7750, 20.8169, -97.1497 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(68, 227, 221)` looks like.

```
.text, #text, p{  
    color:rgb(68, 227, 221)  
}
```

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(68, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 227, 221) }
```

Border

The CSS property to change the border of an element to YUV 178.7750, 20.8169, -97.1497 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(68, 227, 221) }
```


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

```
.border{ border-color:rgb(68, 227, 221) }
```

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

Here you see how a box with a 4 pixel rgb(68, 227, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(68, 227,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 178.7750, 20.8169, -97.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 227, 221) }
```

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

```
.background{ background-color: rgb(68, 227,  
221) }
```

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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