

Converting Colors

YUV(178.3240, 21.5323,
-93.2461)

Have a look what the booklet for
YUV(178.3240, 21.5323, -93.2461)
contains.

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Color

**YUV(178.3240, 21.5323,
-93.2461)**

Conversions

Conversions Part 1

Format	Color
Hex	48E0DE
RGB	72, 224, 222
RGB Percent	28%, 88%, 87%
CMY	0.7176, 0.1216, 0.1294
CMYK	0.68, 0.00, 0.01, 0.12
HSL	179°, 71%, 58%
HSV	179°, 68%, 88%
XYZ	42.5130, 59.9630, 78.4406
YIQ	178.3240, -89.9500, -32.8460

Conversions

Conversions Part 2

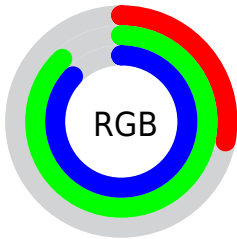
Format	Color
RYB	72, 149, 224
Decimal	4776158
CIELab	81.82, -39.25, -10.64
CIELCh	82, 40.664, 195.166
Yxy	59.9630, 0.2350, 0.3314
Android (android.graphics.Color)	4282966238 (0xFF48E0DE)
YUV	178.3240, 21.5323, -93.2461
Hunter-Lab	77.4357, -37.5144, -5.8543

Details

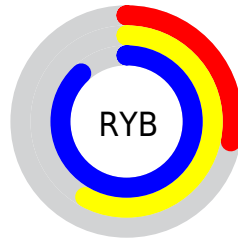
The YUV color **178.3240, 21.5323, -93.2461** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **117.6760, -21.5323, 93.2461**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6150, 16.9518, -70.6994**, and **117.6540, 24.3276, -103.1826** is the 20% darker color. If you saturate the color by 10%, you get **171.7460, 24.7752, -106.7712**, and if you desaturate by 10%, it is **184.9020, 18.2893, -79.7211**.

Distribution



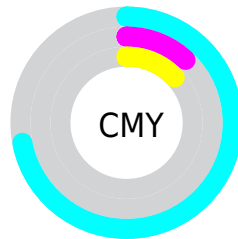
- Red (28%)
- Green (88%)
- Blue (87%)



- Red (28%)
- Yellow (58%)
- Blue (88%)



- Cyan (68%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (72%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.3240, 21.5323, -93.2461 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 178.3240, 21.5323, -93.2461 by changing the saturation by 10% instead.

178.3240, 21.5323,
-93.2461

178.3240, 21.5323,
-93.2461

255.0000, 0.0000,
0.0000

142.8490, 25.2174,
-108.6156

220.6150, 16.9518,
-70.6994

117.6540, 24.3276,
-103.1826

229.8840, 12.3822,
-51.6413

98.8410, 20.7844,
-86.6836

239.1530, 7.8126,
-32.5832

80.6150, 16.9518,
-70.6994

248.4220, 3.2430,
-13.5251

63.2040, 13.7034,
-55.4299

45.7930, 10.4551,
-40.1605

30.3710, 7.2121,

-26.6354

■ 10.4810, 7.1579,
-9.1918

■ 0.0000, 0.0000,
0.0000

■ 178.3240, 21.5323,
-93.2461

■ 178.3240, 21.5323,
-93.2461

■ 171.7460, 24.7752,
-106.7712

■ 184.9020, 18.2893,
-79.7211

■ 164.7550, 27.7288,
-120.8111


■ 191.8930, 15.3358,
-65.6812

■ 158.1770, 30.9717,
-134.3362

■ 198.4710, 12.0928,
-52.1561


■ 156.6820, 31.7088,
-137.4101

■ 205.3480, 8.7024,
-38.0162

 211.9260, 5.4595,
-24.4911

 218.6180, 2.6533,
-11.0660

 225.4950, -0.7370,
3.0739

 232.0730, -3.9800,
16.5990

 233.3830, -4.1328,
18.9581

Harmonies

Analogous

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



187.6430, -2.2890, -59.3229



178.3240, 21.5323, -93.2461



177.9330, 37.9940, -99.9192

Triad

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



178.3240, 21.5323, -93.2461



208.2070, 23.0689, 20.8665



202.8390, -35.9096, 37.8522

Complementary

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



178.3240, 21.5323, -93.2461



117.6760, -21.5323, 93.2461

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.



200.2930, -24.3014, 47.9780



178.3240, 21.5323, -93.2461



205.0930, 9.3212, 43.7684

Square

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



178.3240, 21.5323, -93.2461



200.2900, 26.9720, -17.7943



199.4730, -7.1352, 48.6972



199.0050, -34.5125, 9.6426

Rectangle

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



178.3240, 21.5323, -93.2461



184.8650, 34.5766, -77.0576



199.4730, -7.1352, 48.6972



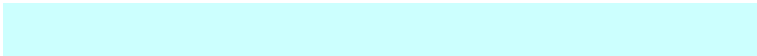
203.1650, -33.6053, 45.4593

Sweetspot

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



178.3240, 21.5323, -93.2461



239.6370, 7.0810, -31.2536



162.1210, -44.4297, -76.4051



118.6170, 4.1328, -18.9581



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.



178.3240, 21.5323, -93.2461



192.7650, 29.2029, -126.9589



135.7010, 43.5314, -55.8658



108.7110, 1.6215, -6.7625



123.1480, 25.0700, -108.0008



33.6480, 7.0755, -29.5093

Inverse Universe

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



117.6760, -21.5323, 93.2461



110.2350, -29.2029, 126.9589



160.2990, -43.5314, 55.8658



104.2890, -1.6215, 6.7625



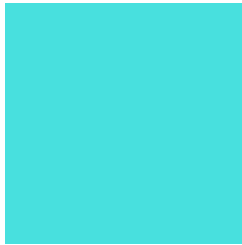
52.8520, -25.0700, 108.0008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 178.3240, 21.5323, -93.2461 looks on a white background.

Color Contrast Check

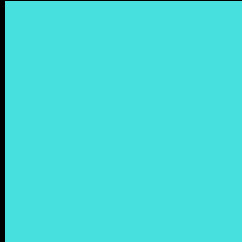
Large Text (above 18pt) WCAG AA × Fail

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 178.3240, 21.5323, -93.2461 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

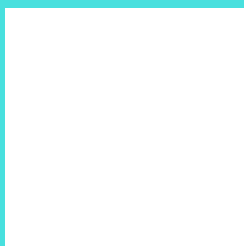
Any Text WCAG AAA ✓ Pass

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

YUV 178.3240, 21.5323, -93.2461 Background



This preview shows how black text looks on a background with the YUV color 178.3240, 21.5323, -93.2461.

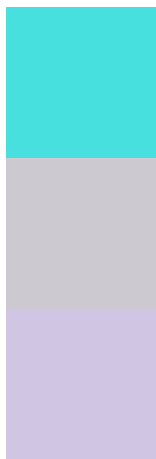


This preview shows how white text looks on a background with the YUV color 178.3240, 21.5323, -93.2461.

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

178.3240, 21.5323, -93.2461

Protanopia

202.6950, 2.6154, 1.1445

Deuteranopia

204.1220, 11.7719, 4.2780



Tritanopia

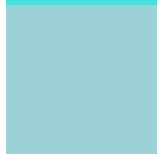
181.1920, 28.4993, -87.8684

Trichromacy



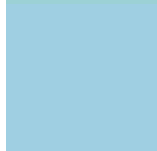
Original Color

178.3240, 21.5323, -93.2461



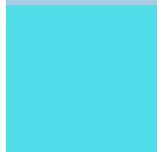
Protanomaly

193.6090, 9.5598, -32.9831



Deuteranomaly

194.8140, 15.3747, -31.4089



Tritanomaly

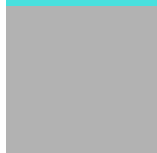
180.1980, 26.0314, -89.6276

Monochromacy



Original Color

178.3240, 21.5323, -93.2461



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.1420, 7.8180, -34.3275

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.3240, 21.5323, -93.2461 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(72, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(72, 224, 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(72, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 224, 222) }
```

Border

The CSS property to change the border of an element to YUV 178.3240, 21.5323, -93.2461 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(72, 224, 222) }
```


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

```
.border{ border-color:rgb(72, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(72, 224,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 178.3240, 21.5323, -93.2461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 224, 222) }
```

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

```
.background{ background-color: rgb(72, 224,  
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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