

Converting Colors

YUV(173.8180, 22.2747,
-98.0644)

Have a look what the booklet for
YUV(173.8180, 22.2747, -98.0644)
contains.

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Color

**YUV(173.8180, 22.2747,
-98.0644)**

Conversions

Conversions Part 1

Format	Color
Hex	3EDEDB
RGB	62, 222, 219
RGB Percent	24%, 87%, 86%
CMY	0.7569, 0.1294, 0.1412
CMYK	0.72, 0.00, 0.01, 0.13
HSL	179°, 71%, 56%
HSV	179°, 72%, 87%
XYZ	40.8941, 58.3812, 76.1312
YIQ	173.8180, -94.3970, -34.8530

Conversions

Conversions Part 2

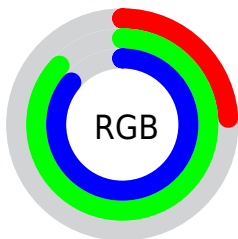
Format	Color
RYB	62, 143, 222
Decimal	4120283
CIELab	80.95, -40.42, -10.36
CIELCh	81, 41.729, 194.372
Yxy	58.3812, 0.2331, 0.3328
Android (android.graphics.Color)	4282310363 (0xFF3EDED8)
YUV	173.8180, 22.2747, -98.0644
Hunter-Lab	76.4076, -38.1783, -5.5902

Details

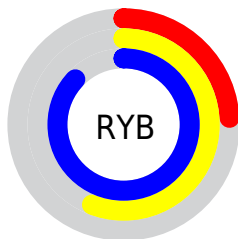
The YUV color **173.8180, 22.2747, -98.0644** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **110.1820, -22.2747, 98.0644**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, 17.9837, -75.0028**, and **116.1380, 23.5960, -101.8530** is the 20% darker color. If you saturate the color by 10%, you get **167.2400, 25.5177, -111.5895**, and if you desaturate by 10%, it is **180.3960, 19.0318, -84.5393**.

Distribution



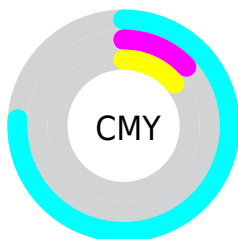
- Red (24%)
- Green (87%)
- Blue (86%)



- Red (24%)
- Yellow (56%)
- Blue (87%)



- Cyan (72%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (76%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8180, 22.2747, -98.0644 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 173.8180, 22.2747, -98.0644 by changing the saturation by 10% instead.

173.8180, 22.2747,
-98.0644

173.8180, 22.2747,
-98.0644

255.0000, 0.0000,
0.0000

135.6520, 27.2866,
-118.9668

218.5220, 17.9837,
-75.0028

116.1380, 23.5960,
-101.8530

228.0900, 13.2666,
-55.3299

97.3250, 20.0528,
-85.3540

237.3590, 8.6970,
-36.2718

79.0990, 16.2202,
-69.3698

246.6280, 4.1274,
-17.2138

61.6880, 12.9718,
-54.1004

44.9780, 9.8708,
-39.4457

29.5560, 6.6279,

-25.9206

■ 7.3180, 7.7312,
-6.4179

■ 0.0000, 0.0000,
0.0000

■ 173.8180, 22.2747,
-98.0644

■ 173.8180, 22.2747,
-98.0644

■ 167.2400, 25.5177,
-111.5895

■ 180.3960, 19.0318,
-84.5393


■ 160.5480, 28.3238,
-125.0146

■ 187.0880, 16.2256,
-71.1142


■ 155.1660, 30.9772,
-136.0806

■ 193.9650, 12.8353,
-56.9743


■ 200.6570, 10.0291,
-43.5492

 207.2350, 6.7861,
-30.0241

 213.8130, 3.5432,
-16.4990

 220.5050, 0.7370,
-3.0739

 227.3820, -2.6533,
11.0660

 231.9810, -4.4276,
20.1877

Harmonies

Analogous

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



184.8170, -2.8678, -60.3525



173.8180, 22.2747, -98.0644



171.5620, 40.6419, -109.2409

Triad

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



173.8180, 22.2747, -98.0644



205.5490, 24.3793, 20.5665



200.3230, -36.6412, 39.1817

Complementary

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



173.8180, 22.2747, -98.0644



110.1820, -22.2747, 98.0644

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.



198.1900, -24.7437, 49.8224



173.8180, 22.2747, -98.0644



203.2180, 9.7525, 45.4128

Square

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



173.8180, 22.2747, -98.0644



197.6210, 28.2878, -19.8386



197.4840, -7.1406, 50.4415



196.6630, -35.8229, 9.9425

Rectangle

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



173.8180, 22.2747, -98.0644



180.7010, 36.6294, -82.1758



197.4840, -7.1406, 50.4415



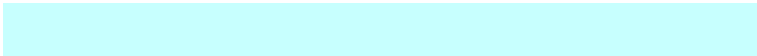
200.9480, -34.4844, 47.4036

Sweetspot

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



173.8180, 22.2747, -98.0644



238.1420, 7.8180, -34.3275



157.4150, -47.0396, -79.2940



117.7200, 4.5750, -20.8024



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.



173.8180, 22.2747, -98.0644



189.0630, 30.5349, -134.2363



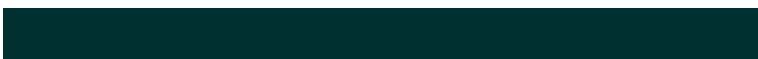
130.1350, 45.2894, -59.7544



108.7110, 1.6215, -6.7625



123.0340, 24.6332, -107.9008



33.6480, 7.0755, -29.5093

Inverse Universe

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



110.1820, -22.2747, 98.0644



101.9370, -30.5349, 134.2363



153.8650, -45.2894, 59.7544



104.2890, -1.6215, 6.7625



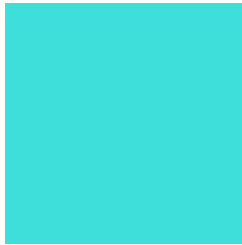
52.9660, -24.6332, 107.9008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 173.8180, 22.2747, -98.0644 looks on a white background.

Color Contrast Check

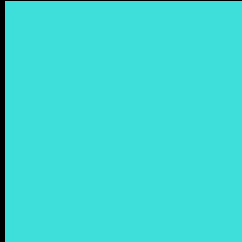
Large Text (above 18pt) WCAG AA × Fail

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 173.8180, 22.2747, -98.0644 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

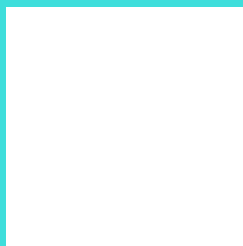
Any Text WCAG AAA ✓ Pass

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

YUV 173.8180, 22.2747, -98.0644 Background



This preview shows how black text looks on a background with the YUV color 173.8180, 22.2747, -98.0644.

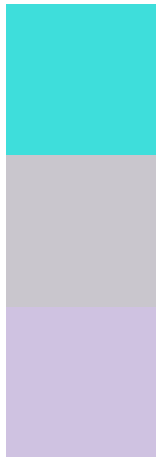


This preview shows how white text looks on a background with the YUV color 173.8180, 22.2747, -98.0644.

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

173.8180, 22.2747, -98.0644

Protanopia

199.6950, 2.6154, 1.1445

Deuteranopia

201.4210, 11.6244, 4.8928



Tritanopia

177.3980, 29.3838, -91.5570

Trichromacy



Original Color

173.8180, 22.2747, -98.0644



Protanomaly

190.2990, 9.7126, -35.3422



Deuteranomaly

191.2160, 15.6695, -32.6384



Tritanomaly

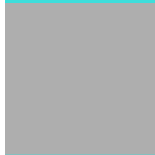
175.9910, 26.6264, -93.8311

Monochromacy



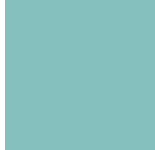
Original Color

173.8180, 22.2747, -98.0644



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.5440, 8.1128, -35.5571

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8180, 22.2747, -98.0644 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(62, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(62, 222, 219)  
}
```

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(62, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 222, 219) }
```

Border

The CSS property to change the border of an element to YUV 173.8180, 22.2747, -98.0644 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(62, 222, 219) }
```


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

```
.border{ border-color:rgb(62, 222, 219) }
```

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

Here you see how a box with a 4 pixel rgb(62, 222, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 222, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 222, 219);  
box-shadow:4px 4px 4px 4px rgb(62, 222,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 173.8180, 22.2747, -98.0644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 222, 219) }
```

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

```
.background{ background-color: rgb(62, 222,  
219) }
```

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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