

Converting Colors

YUV(144.4590, 23.4377,
-97.7495)

Have a look what the booklet for
YUV(144.4590, 23.4377, -97.7495)
contains.

YUV(144.4590, 23.4377, -97.7495)	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(144.4590, 23.4377,
-97.7495)**

Conversions

Conversions Part 1

Format	Color
Hex	21C0C0
RGB	33, 192, 192
RGB Percent	13%, 75%, 75%
CMY	0.8706, 0.2471, 0.2471
CMYK	0.83, 0.00, 0.00, 0.25
HSL	180°, 71%, 44%
HSV	180°, 83%, 75%
XYZ	28.9913, 41.8284, 56.4149
YIQ	144.4590, -94.7640, -33.7080

Conversions

Conversions Part 2

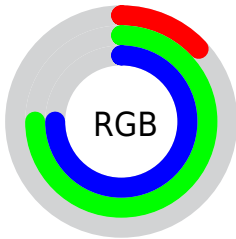
Format	Color
R _Y B	33, 113, 192
Decimal	2212032
CIE Lab	70.75, -37.36, -11.06
CIE LCh	71, 38.963, 196.494
Yxy	41.8284, 0.2279, 0.3288
Android (android.graphics.Color)	4280402112 (0xFF21C0C0)
YUV	144.4590, 23.4377, -97.7495
Hunter-Lab	64.6749, -33.1663, -6.4453

Details

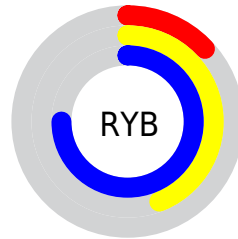
The YUV color **144.4590, 23.4377, -97.7495** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **80.5410, -23.4377, 97.7495**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6240, 19.9054, -84.7392**, and **96.8520, 20.7790, -84.9392** is the 20% darker color. If you saturate the color by 10%, you get **138.7780, 26.2384, -109.4303**, and if you desaturate by 10%, it is **150.1400, 20.6370, -86.0688**.

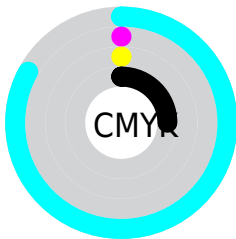
Distribution



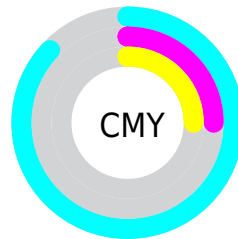
- Red (13%)
- Green (75%)
- Blue (75%)



- Red (13%)
- Yellow (44%)
- Blue (75%)



- Cyan (83%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (87%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.4590, 23.4377, -97.7495 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 144.4590, 23.4377, -97.7495 by changing the saturation by 10% instead.

144.4590, 23.4377,
-97.7495

144.4590, 23.4377,
-97.7495

255.0000, 0.0000,
0.0000

115.6650, 24.3222,
-101.4382

207.6240, 19.9054,
-84.7392

96.8520, 20.7790,
-84.9392

221.5120, 16.5096,
-68.8550

78.6260, 16.9464,
-68.9550

230.7810, 11.9400,
-49.7969

61.2150, 13.6980,
-53.6856

240.0500, 7.3704,
-30.7388

43.8040, 10.4496,
-38.4161

249.0200, 2.9481,
-12.2955

28.9690, 6.9173,
-25.4058

6.2580, 8.7468,

-5.4883

■ 0.0000, 0.0000,
0.0000

■ 144.4590, 23.4377,
-97.7495

■ 144.4590, 23.4377,
-97.7495

■ 138.7780, 26.2384,
-109.4303

■ 150.1400, 20.6370,
-86.0688

■ 134.5920, 28.3021,
-118.0372

■ 155.8210, 17.8362,
-74.3880

■ 161.8010, 14.8881,
-62.0925

■ 167.4820, 12.0874,
-50.4117

■ 173.1630, 9.2866,
-38.7310

■ 178.8440, 6.4859,
-27.0502

■ 184.5250, 3.6852,
-15.3694

■ 190.5050, 0.7370,
-3.0739

■ 196.1860, -2.0637,
8.6069

Harmonies

Analogous

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



156.9960, -0.9840, -57.8785



144.4590, 23.4377, -97.7495



141.7470, 40.0577, -108.5261

Triad

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



144.4590, 23.4377, -97.7495



177.8650, 21.7586, 21.1664



171.5010, -33.2780, 33.7636

Complementary

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



144.4590, 23.4377, -97.7495



80.5410, -23.4377, 97.7495

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.



173.7990, -25.0439, 52.7963



144.4590, 23.4377, -97.7495



177.4310, 6.6895, 47.8570

Square

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



144.4590, 23.4377, -97.7495



173.0110, 33.5186, -17.5496



175.7300, -10.2199, 58.1188



168.6780, -31.8863, 7.2984

Rectangle

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



144.4590, 23.4377, -97.7495



155.6570, 40.1021, -75.9982



175.7300, -10.2199, 58.1188



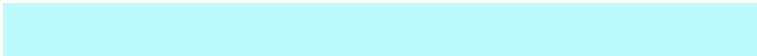
172.7130, -31.4105, 41.4707

Sweetspot

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



144.4590, 23.4377, -97.7495



231.1630, 9.2866, -38.7310



126.3330, -46.0132, -81.8530



113.6380, 5.6015, -23.3615



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



144.4590, 23.4377, -97.7495



175.8480, 36.5569, -152.4647



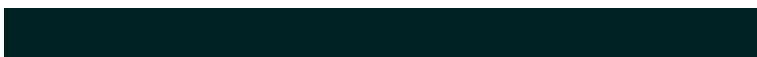
98.0860, 46.2996, -57.0804



94.0100, 1.4741, -6.1478



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Inverse Universe

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



98.6670, 46.0132, 81.8530



104.4240, 71.7690, 127.6702



127.5010, -46.5890, 56.5656



91.1300, 2.8939, 5.1480



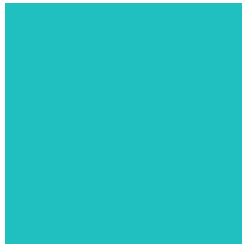
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 144.4590, 23.4377, -97.7495 looks on a white background.

Color Contrast Check

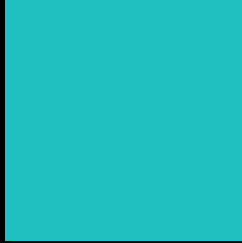
Large Text (above 18pt) WCAG AA × Fail

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 144.4590, 23.4377, -97.7495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

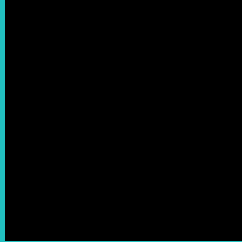
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

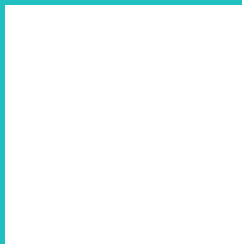
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 144.4590, 23.4377, -97.7495

Background



This preview shows how black text looks on a background with the YUV color 144.4590, 23.4377, -97.7495.

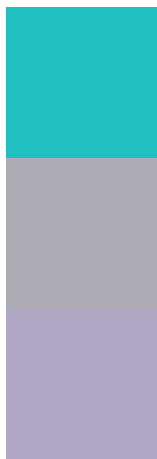


This preview shows how white text looks on a background with the YUV color 144.4590, 23.4377, -97.7495.

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

144.4590, 23.4377, -97.7495

Protanopia

172.5100, 3.1996, 0.4297

Deuteranopia

173.1110, 11.7773, 2.5337



Tritanopia

148.6540, 27.7786, -90.0276

Trichromacy



Original Color

144.4590, 23.4377, -97.7495



Protanomaly

162.5270, 10.5862, -35.5422



Deuteranomaly

162.6180, 15.9643, -33.8680



Tritanomaly

147.1760, 26.0422, -93.1164

Monochromacy



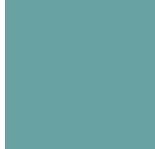
Original Color

144.4590, 23.4377, -97.7495



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.9570, 8.4022, -35.0423

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.4590, 23.4377, -97.7495 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(33, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(33, 192, 192)  
}
```

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(33, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 192, 192) }
```

Border

The CSS property to change the border of an element to YUV 144.4590, 23.4377, -97.7495 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(33, 192, 192) }
```


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

```
.border{ border-color:rgb(33, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(33, 192,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 144.4590, 23.4377, -97.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 192, 192) }
```

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

```
.background{ background-color: rgb(33, 192,  
192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor