

Converting Colors

YUV(142.1590, 28.5156,
-93.1014)

Have a look what the booklet for
YUV(142.1590, 28.5156, -93.1014)
contains.

YUV(142.1590, 28.5156, -93.1014)	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(142.1590, 28.5156,
-93.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	24B9C8
RGB	36, 185, 200
RGB Percent	14%, 73%, 78%
CMY	0.8588, 0.2745, 0.2157
CMYK	0.82, 0.08, 0.00, 0.22
HSL	185°, 69%, 46%
HSV	185°, 82%, 78%
XYZ	28.5018, 39.2431, 60.7161
YIQ	142.1590, -93.6190, -26.9230

Conversions

Conversions Part 2

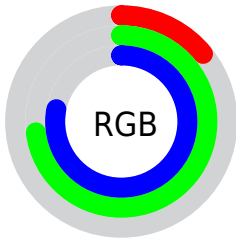
Format	Color
R_{YB}	36, 114, 200
Decimal	2406856
CIE _{Lab}	68.93, -31.40, -18.19
CIE _{LCh}	69, 36.286, 210.090
Yxy	39.2431, 0.2219, 0.3055
Android (android.graphics.Color)	4280596936 (0xFF24B9C8)
YUV	142.1590, 28.5156, -93.1014
Hunter-Lab	62.6443, -28.4139, -13.6139

Details

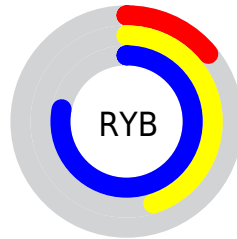
The YUV color **142.1590, 28.5156, -93.1014** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **93.8410, -28.5156, 93.1014**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3240, 24.9833, -80.0911**, and **93.5410, 25.8623, -82.0355** is the 20% darker color. If you saturate the color by 10%, you get **135.0050, 32.0425, -104.3674**, and if you desaturate by 10%, it is **149.3130, 24.9887, -81.8355**.

Distribution



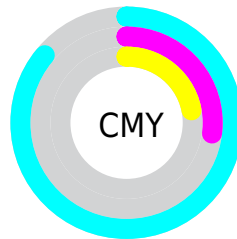
- Red (14%)
- Green (73%)
- Blue (78%)



- Red (14%)
- Yellow (45%)
- Blue (78%)



- Cyan (82%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1590, 28.5156, -93.1014 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 142.1590, 28.5156, -93.1014 by changing the saturation by 10% instead.

■ 142.1590, 28.5156,
-93.1014

■ 142.1590, 28.5156,
-93.1014

■ 255.0000, 0.0000,
0.0000

■ 112.4680, 29.8423,
-98.6344

■ 204.3240, 24.9833,
-80.0911

■ 93.5410, 25.8623,
-82.0355

■ 221.8110, 16.3622,
-68.2402

■ 75.9020, 21.7403,
-66.5661

■ 231.0800, 11.7926,
-49.1822

■ 58.4910, 18.4919,
-51.2966

■ 240.0500, 7.3704,
-30.7388

■ 41.6670, 14.9542,
-36.5420

■ 249.3190, 2.8007,
-11.6808

■ 27.3050, 10.6956,
-23.9465

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 142.1590, 28.5156,
-93.1014

■ 142.1590, 28.5156,
-93.1014

■ 135.0050, 32.0425,
-104.3674

■ 149.3130, 24.9887,
-81.8355

■ 129.6340, 34.6904,
-113.6890

■ 156.4670, 21.4618,
-70.5696

■ 163.0340, 18.2242,
-58.7888

■ 170.1880, 14.6973,
-47.5229

■ 177.3420, 11.1704,
-36.2569

■ 184.4960, 7.6435,
-24.9910

■ 191.6500, 4.1165,
-13.7251

■ 198.8040, 0.5896,
-2.4591

■ 205.3710, -2.6479,
9.3216

Harmonies

Analogous

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



150.0470, 8.3578, -67.5702



142.1590, 28.5156, -93.1014



150.6310, 36.1709, -75.0984

Triad

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



142.1590, 28.5156, -93.1014



173.1670, 13.7217, 32.3025



165.8800, -31.4928, 21.1532

Complementary

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



142.1590, 28.5156, -93.1014



93.8410, -28.5156, 93.1014

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.



168.6360, -27.9215, 42.4152



142.1590, 28.5156, -93.1014



171.9770, -1.4677, 50.8862

Square

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



142.1590, 28.5156, -93.1014



170.9980, 26.6230, 0.8788



170.3890, -16.4608, 53.1558



162.4960, -25.8805, -5.6970

Rectangle

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



142.1590, 28.5156, -93.1014



159.9700, 35.5108, -49.9627



170.3890, -16.4608, 53.1558



166.6360, -31.3725, 29.2602

Sweetspot

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



142.1590, 28.5156, -93.1014



232.3420, 11.1704, -36.2569



133.8640, -41.3450, -85.8267



113.9910, 6.9064, -21.9171



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.



142.1590, 28.5156, -93.1014



166.7490, 43.5077, -141.8539



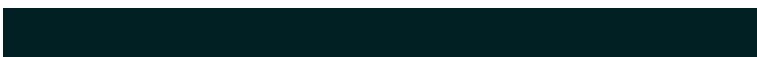
94.6120, 51.9563, -51.4027



96.3090, 1.3267, -5.5330



105.4580, 28.3682, -92.4867



22.8880, 6.4642, -20.0728

Inverse Universe

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



102.0220, 40.9082, 85.9267



105.6280, 62.3014, 130.9992



141.3880, -51.9563, 51.4027



93.7170, 2.6045, 4.6332



65.6090, 40.6188, 85.4119



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 142.1590, 28.5156, -93.1014 looks on a white background.

Color Contrast Check

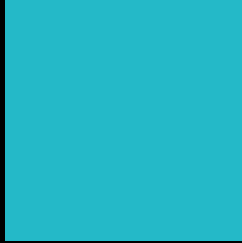
Large Text (above 18pt) WCAG AA × Fail

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 142.1590, 28.5156, -93.1014 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 142.1590, 28.5156, -93.1014 Background



This preview shows how black text looks on a background with the YUV color 142.1590, 28.5156, -93.1014.

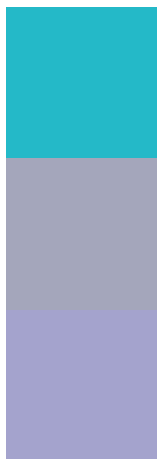


This preview shows how white text looks on a background with the YUV color 142.1590, 28.5156, -93.1014.

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

142.1590, 28.5156, -93.1014

Protanopia

167.7960, 9.4676, -3.3291

Deuteranopia

168.0870, 18.1981, -3.5843



Tritanopia

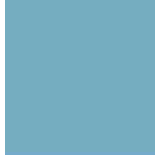
142.1590, 28.5156, -93.1014

Trichromacy



Original Color

142.1590, 28.5156, -93.1014



Protanomaly

158.4220, 16.5540, -36.3271



Deuteranomaly

158.5020, 21.9375, -36.3973



Tritanomaly

142.1590, 28.5156, -93.1014

Monochromacy



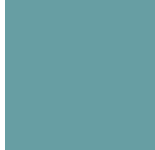
Original Color

142.1590, 28.5156, -93.1014



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.1250, 10.2914, -34.3126

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1590, 28.5156, -93.1014 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(36, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(36, 185, 200)  
}
```

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(36, 185, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 185, 200) }
```

Border

The CSS property to change the border of an element to YUV 142.1590, 28.5156, -93.1014 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(36, 185, 200) }
```


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

```
.border{ border-color:rgb(36, 185, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 185, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(36, 185,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 142.1590, 28.5156, -93.1014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 185, 200) }
```

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

```
.background{ background-color: rgb(36, 185,  
200) }
```

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