

Converting Colors

YUV(143.2220, 36.3726,
-93.1567)

Have a look what the booklet for
YUV(143.2220, 36.3726, -93.1567)
contains.

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Color

**YUV(143.2220, 36.3726,
-93.1567)**

Conversions

Conversions Part 1	
Format	Color
Hex	25B7D9
RGB	37, 183, 217
RGB Percent	15%, 72%, 85%
CMY	0.8549, 0.2824, 0.1490
CMYK	0.83, 0.16, 0.00, 0.15
HSL	191°, 71%, 50%
HSV	191°, 83%, 85%
XYZ	30.2208, 39.2700, 71.6327
YIQ	143.2220, -97.9300, -20.3780

Conversions

Conversions Part 2

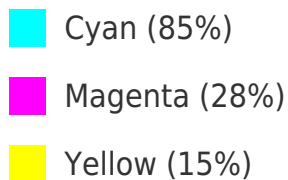
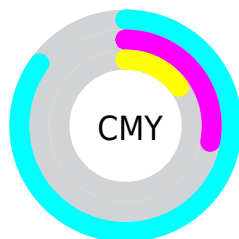
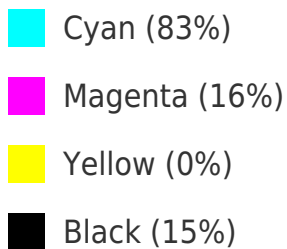
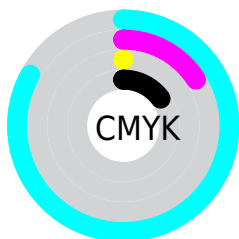
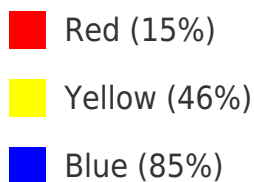
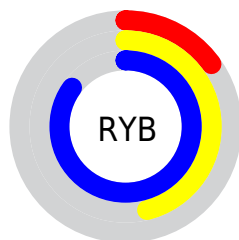
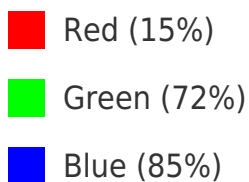
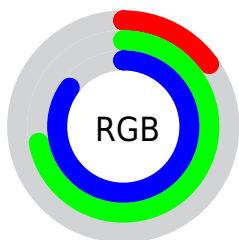
Format	Color
RYB	37, 118, 217
Decimal	2471897
CIELab	68.95, -24.88, -27.49
CIELCh	69, 37.076, 227.846
Yxy	39.2700, 0.2141, 0.2783
Android (android.graphics.Color)	4280661977 (0xFF25B7D9)
YUV	143.2220, 36.3726, -93.1567
Hunter-Lab	62.6658, -23.5829, -23.9078

Details

The YUV color **143.2220, 36.3726, -93.1567** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **110.7780, -36.3726, 93.1567**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7480, 25.2672, -77.8320**, and **94.7780, 33.1404, -83.1203** is the 20% darker color. If you saturate the color by 10%, you get **134.2960, 40.7731, -104.6226**, and if you desaturate by 10%, it is **152.1480, 31.9720, -81.6908**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 143.2220, 36.3726, -93.1567 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 143.2220, 36.3726, -93.1567 by changing the saturation by 10% instead.


 143.2220, 36.3726,
-93.1567


 143.2220, 36.3726,
-93.1567


255.0000, 0.0000,
0.0000

 113.1180, 37.4098,
-99.2045

 203.7480, 25.2672,
-77.8320

 94.7780, 33.1404,
-83.1203


 222.7080, 15.9200,
-66.3959


 76.5520, 29.3079,
-67.1361

 231.9770, 11.3503,
-47.3378

 59.5000, 24.8965,
-52.1815

 241.2460, 6.7807,
-28.2797

 43.2630, 21.0693,
-37.9417

 250.5150, 2.2111,
-9.2217

 28.2000, 16.6634,
-24.7314

 6.4350, 17.0405,

-5.6435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 143.2220, 36.3726,
-93.1567

■ 143.2220, 36.3726,
-93.1567

■ 134.2960, 40.7731,
-104.6226

■ 152.1480, 31.9720,
-81.6908

■ 128.0500, 43.8523,
-112.2999

■ 160.7750, 27.7189,
-70.8397

■ 169.7010, 23.3184,
-59.3738

■ 178.6270, 18.9179,
-47.9079

■ 187.5530, 14.5174,
-36.4420

■ 196.7670, 9.9749,
-26.1057

■ 205.6930, 5.5744,
-14.6398

■ 214.6190, 1.1738,
-3.1739

■ 223.2460, -3.0793,
7.6773

Harmonies

Analogous

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



142.8730, 22.2476, -89.3426



143.2220, 36.3726, -93.1567



158.5780, 36.6900, -54.8809

Triad

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



143.2220, 36.3726, -93.1567



172.6650, 5.0952, 45.8978



164.1230, -30.1336, 5.1541

Complementary

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



143.2220, 36.3726, -93.1567



110.7780, -36.3726, 93.1567

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.



167.5330, -31.8148, 31.1046



143.2220, 36.3726, -93.1567



170.8930, -10.7932, 55.3448

Square

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



143.2220, 36.3726, -93.1567



172.5230, 20.4482, 21.4663



169.0050, -24.1595, 49.1076



159.6230, -18.5481, -24.2254

Rectangle

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



143.2220, 36.3726, -93.1567



165.9450, 33.5511, -28.0158



169.0050, -24.1595, 49.1076



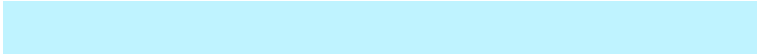
165.1350, -31.6186, 14.7906

Sweetspot

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



143.2220, 36.3726, -93.1567



228.8200, 12.9067, -33.1681



146.4220, -37.6760, -95.9631



111.6430, 8.0640, -19.8579



0.0000, 0.0000, 0.0000



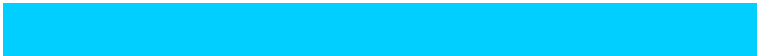
128.0000, 0.0000, 0.0000

Same Dimension

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



143.2220, 36.3726, -93.1567



150.5790, 51.4796, -132.0578



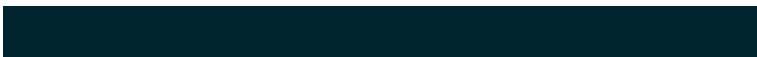
90.9790, 62.1284, -47.3396



105.5370, 2.2003, -5.7329



102.4890, 34.7619, -89.8829



26.9630, 9.3852, -23.6466

Inverse Universe

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



107.4640, 37.2392, 96.0631



99.8430, 52.8284, 136.0727



163.0210, -62.1284, 47.3396



103.3150, 2.3097, 5.8627



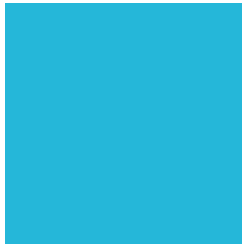
67.8010, 36.0871, 92.2595



17.9720, 9.3808, 24.5806

Previews

White Background



This preview shows how the YUV color 143.2220, 36.3726, -93.1567 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 143.2220, 36.3726, -93.1567 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 143.2220, 36.3726, -93.1567

Background



This preview shows how black text looks on a background with the YUV color 143.2220, 36.3726, -93.1567.

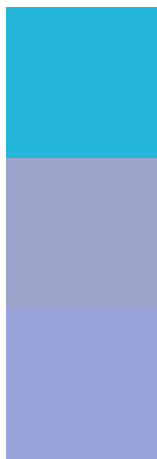


This preview shows how white text looks on a background with the YUV color 143.2220, 36.3726,

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

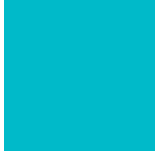
143.2220, 36.3726, -93.1567

Protanopia

167.3530, 18.0670, -8.2026

Deuteranopia

167.2090, 26.5190, -12.4613



Tritanopia
132.0960, 33.9697, -115.8482

Trichromacy



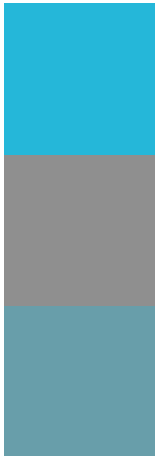
Original Color
143.2220, 36.3726, -93.1567

Protanomaly
158.8760, 24.7111, -39.3563

Deuteranomaly
158.6460, 30.2475, -41.7855

Tritanomaly
136.0800, 34.9636, -107.9412

Monochromacy



Original Color
143.2220, 36.3726, -93.1567

Achromatopsia
143.0000, 0.0000, 0.0000

Achromatomaly
143.2220, 13.2016, -34.3977

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.2220, 36.3726, -93.1567 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(37, 183, 217)` looks like.

```
.text, #text, p{  
    color:rgb(37, 183, 217)  
}
```

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(37, 183, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 183, 217) }
```

Border

The CSS property to change the border of an element to YUV 143.2220, 36.3726, -93.1567 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(37, 183, 217) }
```


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

```
.border{ border-color:rgb(37, 183, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 183, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 183, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 183, 217);  
box-shadow:4px 4px 4px 4px rgb(37, 183,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 143.2220, 36.3726, -93.1567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 183, 217) }
```

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

```
.background{ background-color: rgb(37, 183,  
217) }
```

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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