

Converting Colors

YUV(143.5320, 36.2197,
-90.7976)

Have a look what the booklet for
YUV(143.5320, 36.2197, -90.7976)
contains.

YUV(143.5320, 36.2197, -90.7976)	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(143.5320, 36.2197,
-90.7976)**

Conversions

Conversions Part 1

Format	Color
Hex	28B6D9
RGB	40, 182, 217
RGB Percent	16%, 71%, 85%
CMY	0.8431, 0.2863, 0.1490
CMYK	0.82, 0.16, 0.00, 0.15
HSL	192°, 70%, 50%
HSV	192°, 82%, 85%
XYZ	30.1274, 38.9168, 71.5694
YIQ	143.5320, -95.8670, -19.2190

Conversions

Conversions Part 2

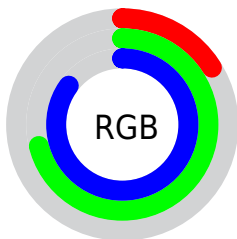
Format	Color
RYB	40, 119, 217
Decimal	2668249
CIELab	68.69, -24.13, -27.88
CIELCh	69, 36.871, 229.116
Yxy	38.9168, 0.2143, 0.2768
Android (android.graphics.Color)	4280858329 (0xFF28B6D9)
YUV	143.5320, 36.2197, -90.7976
Hunter-Lab	62.3833, -22.9660, -24.3523

Details

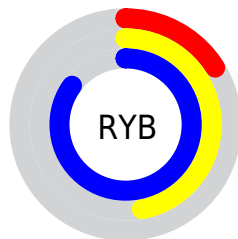
The YUV color **143.5320, 36.2197, -90.7976** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **113.4680, -36.2197, 90.7976**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4600, 25.4092, -76.7024**, and **94.1910, 33.4298, -82.6055** is the 20% darker color. If you saturate the color by 10%, you get **134.6060, 40.6202, -102.2635**, and if you desaturate by 10%, it is **152.4580, 31.8192, -79.3317**.

Distribution



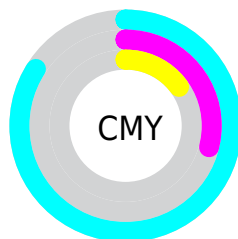
- Red (16%)
- Green (71%)
- Blue (85%)



- Red (16%)
- Yellow (47%)
- Blue (85%)



- Cyan (82%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.5320, 36.2197, -90.7976 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 143.5320, 36.2197, -90.7976 by changing the saturation by 10% instead.

■ 143.5320, 36.2197,
-90.7976

■ 143.5320, 36.2197,
-90.7976

■ 255.0000, 0.0000,
0.0000

■ 112.5310, 37.6992,
-98.6897

■ 203.4600, 25.4092,
-76.7024

■ 94.1910, 33.4298,
-82.6055

■ 223.0070, 15.7725,
-65.7811

■ 76.5520, 29.3079,
-67.1361

■ 232.2760, 11.2029,
-46.7231

■ 58.9130, 25.1859,
-51.6667

■ 241.5450, 6.6333,
-27.6650

■ 42.6760, 21.3587,
-37.4269

■ 250.8140, 2.0637,
-8.6069

■ 27.6130, 16.9528,
-24.2166

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 143.5320, 36.2197,
-90.7976

■ 143.5320, 36.2197,
-90.7976

■ 134.6060, 40.6202,
-102.2635

■ 152.4580, 31.8192,
-79.3317

■ 126.8760, 44.4311,
-111.2703

■ 161.6720, 27.2767,
-68.9953

■ 170.5980, 22.8762,
-57.5294

■ 179.5240, 18.4757,
-46.0635

■ 188.4500, 14.0752,
-34.5976

■ 197.6640, 9.5326,
-24.2613

■ 206.5900, 5.1321,
-12.7954

■ 215.5160, 0.7316,
-1.3295

■ 224.7300, -3.8109,
9.0068

Harmonies

Analogous

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



141.9870, 22.6844, -89.4426



143.5320, 36.2197, -90.7976



157.8880, 36.5372, -52.5218

Triad

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



143.5320, 36.2197, -90.7976



171.8500, 4.5110, 46.6126



162.9380, -29.5494, 4.4394

Complementary

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



143.5320, 36.2197, -90.7976



113.4680, -36.2197, 90.7976

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.



165.9350, -31.5200, 29.8750



143.5320, 36.2197, -90.7976



169.7790, -11.2300, 55.4448

Square

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



143.5320, 36.2197, -90.7976



172.0070, 19.7165, 22.7959



168.4780, -24.8857, 48.6928



158.5520, -17.5271, -25.0401

Rectangle

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



143.5320, 36.2197, -90.7976



165.2550, 33.3983, -25.6566



168.4780, -24.8857, 48.6928



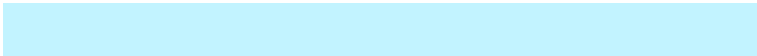
164.5370, -31.3237, 13.5611

Sweetspot

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



143.5320, 36.2197, -90.7976



229.7170, 12.4645, -31.3238



147.5470, -37.2447, -94.3187



112.2410, 7.7692, -18.6284



0.0000, 0.0000, 0.0000



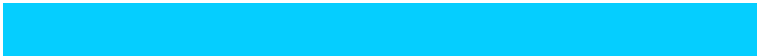
128.0000, 0.0000, 0.0000

Same Dimension

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



143.5320, 36.2197, -90.7976



151.4870, 51.0319, -128.4691



93.0500, 61.1074, -46.5249



104.9500, 2.4896, -5.2182



101.3150, 35.3407, -88.8533



26.9630, 9.3852, -23.6466

Inverse Universe

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



109.1110, 35.9343, 94.6187



102.6640, 50.9446, 133.5987



163.9500, -61.1073, 46.5249



103.2010, 1.8729, 5.9627



67.5730, 35.2135, 92.4595



17.9720, 9.3808, 24.5806

Previews

White Background



This preview shows how the YUV color 143.5320, 36.2197, -90.7976 looks on a white background.

Color Contrast Check

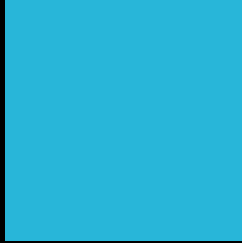
Large Text (above 18pt) WCAG AA × Fail

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 143.5320, 36.2197, -90.7976 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 143.5320, 36.2197, -90.7976

Background



This preview shows how black text looks on a background with the YUV color 143.5320, 36.2197, -90.7976.

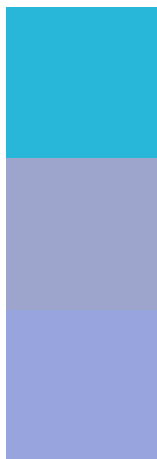


This preview shows how white text looks on a background with the YUV color 143.5320, 36.2197, -90.7976.

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

143.5320, 36.2197, -90.7976

Protanopia

167.1680, 18.6512, -8.9173

Deuteranopia

166.9100, 26.6664, -13.0761



Tritanopia

132.8900, 33.0852, -112.1595

Trichromacy



Original Color

143.5320, 36.2197, -90.7976

Protanomaly

158.2890, 25.0005, -38.8415

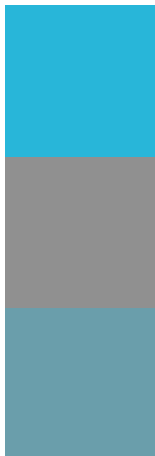
Deuteranomaly

158.6460, 30.2475, -41.7855

Tritanomaly

136.8740, 34.0791, -104.2525

Monochromacy



Original Color

143.5320, 36.2197, -90.7976

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.9340, 13.3435, -33.2681

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.5320, 36.2197, -90.7976 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(40, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(40, 182, 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(40, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 182, 217) }
```

Border

The CSS property to change the border of an element to YUV 143.5320, 36.2197, -90.7976 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(40, 182, 217) }
```


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

```
.border{ border-color:rgb(40, 182, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 182, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(40, 182,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 143.5320, 36.2197, -90.7976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 182, 217) }
```

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

```
.background{ background-color: rgb(40, 182,  
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](#).

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