

Converting Colors

YUV(145.4390, 40.7026,
-81.9460)

Have a look what the booklet for
YUV(145.4390, 40.7026, -81.9460)
contains.

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Color

**YUV(145.4390, 40.7026,
-81.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	34B1E4
RGB	52, 177, 228
RGB Percent	20%, 69%, 89%
CMY	0.7961, 0.3059, 0.1059
CMYK	0.77, 0.22, 0.00, 0.11
HSL	197°, 77%, 55%
HSV	197°, 77%, 89%
XYZ	31.1419, 37.7758, 79.0489
YIQ	145.4390, -90.8710, -10.6390

Conversions

Conversions Part 2

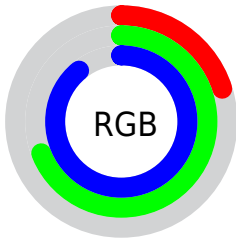
Format	Color
R _Y B	52, 125, 228
Decimal	3453412
CIE Lab	67.86, -16.75, -35.17
CIE LCh	68, 38.958, 244.542
Yxy	37.7758, 0.2105, 0.2553
Android (android.graphics.Color)	4281643492 (0xFF34B1E4)
YUV	145.4390, 40.7026, -81.9460
Hunter-Lab	61.4620, -17.1152, -33.2320

Details

The YUV color **145.4390, 40.7026, -81.9460** is a light color, and the websafe version is hex **0099CC**. The color can be described as light washed azure. A complement of this color would be **134.5610, -40.7026, 81.9460**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9170, 25.6769, -69.2102**, and **92.3960, 39.2448, -81.0313** is the 20% darker color. If you saturate the color by 10%, you get **134.4530, 46.1187, -92.4823**, and if you desaturate by 10%, it is **156.4250, 35.2865, -71.4097**.

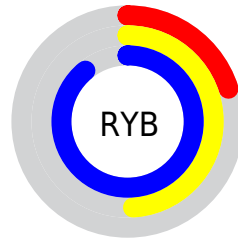
Distribution



Red (20%)

Green (69%)

Blue (89%)



Red (20%)

Yellow (49%)

Blue (89%)

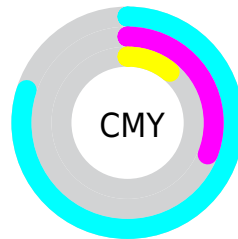


Cyan (77%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (80%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4390, 40.7026, -81.9460 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 145.4390, 40.7026, -81.9460 by changing the saturation by 10% instead.

■ 145.4390, 40.7026,
-81.9460

■ 145.4390, 40.7026,
-81.9460

■ 255.0000, 0.0000,
0.0000

■ 110.8500, 43.9509,
-97.2154

■ 202.9170, 25.6769,
-69.2102

■ 92.3960, 39.2448,
-81.0313

■ 225.1000, 14.7407,
-61.4777

■ 74.7570, 35.1228,
-65.5619

■ 234.3690, 10.1711,
-42.4196

■ 58.2920, 30.4220,
-51.1221

■ 243.6380, 5.6015,
-23.3615

■ 41.9410, 26.1581,
-36.7823

■ 252.9070, 1.0318,
-4.3034

■ 26.8780, 21.7521,
-23.5720

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 145.4390, 40.7026,
-81.9460

■ 145.4390, 40.7026,
-81.9460

■ 134.4530, 46.1187,
-92.4823

■ 156.4250, 35.2865,
-71.4097

■ 124.0540, 51.2454,
-103.5334

■ 166.8240, 30.1598,
-60.3586

■ 121.0860, 52.7086,
-106.1924

■ 177.5110, 24.8911,
-50.4371

■ 187.9100, 19.7644,
-39.3861

■ 198.8960, 14.3483,
-28.8498

■ 209.8820, 8.9322,
-18.3135

■ 220.2810, 3.8055,
-7.2624

■ 230.9680, -1.4632,
2.6591

■ 240.7690, -6.2951,
12.4806

Harmonies

Analogous

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



130.6770, 36.1482, -114.6037



145.4390, 40.7026, -81.9460



161.2970, 36.3356, -34.4635

Triad

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



145.4390, 40.7026, -81.9460



168.1410, -3.5205, 56.0043



158.4630, -25.8643, -10.9301

Complementary

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



145.4390, 40.7026, -81.9460



134.5610, -40.7026, 81.9460

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.



162.2880, -33.6660, 18.1644



145.4390, 40.7026, -81.9460



166.9010, -19.6712, 56.2148

Square

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



145.4390, 40.7026, -81.9460



170.2710, 12.6844, 38.3503



165.1260, -31.1211, 41.9855



152.0210, -8.8844, -43.8684

Rectangle

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



145.4390, 40.7026, -81.9460



167.2790, 30.4285, -6.3837



165.1260, -31.1211, 41.9855



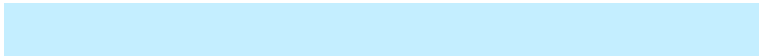
159.9050, -29.5332, -0.7937

Sweetspot

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



145.4390, 40.7026, -81.9460



227.3800, 13.6167, -27.5203



161.0120, -29.0929, -95.6035



110.7790, 8.4900, -16.4692



0.0000, 0.0000, 0.0000



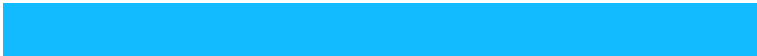
128.0000, 0.0000, 0.0000

Same Dimension

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



145.4390, 40.7026, -81.9460



143.6340, 54.9034, -110.1810



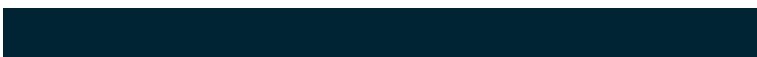
94.3700, 65.8796, -37.1585



109.0640, 2.9264, -5.3181



94.9550, 41.4342, -83.2755



26.9460, 11.8586, -23.6316

Inverse Universe

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



118.8740, 28.6561, 95.7035



108.0150, 38.4466, 128.9058



185.6300, -65.8796, 37.1585



107.5000, 1.7255, 6.5775



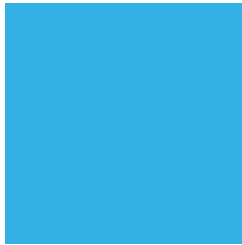
67.9990, 29.0875, 97.3479



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 145.4390, 40.7026, -81.9460 looks on a white background.

Color Contrast Check

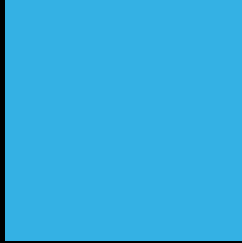
Large Text (above 18pt) WCAG AA × Fail

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 145.4390, 40.7026, -81.9460 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 145.4390, 40.7026, -81.9460 Background



This preview shows how black text looks on a background with the YUV color 145.4390, 40.7026, -81.9460.

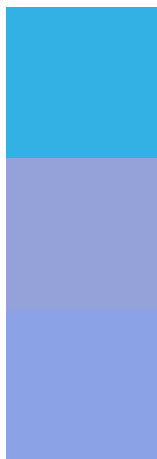


This preview shows how white text looks on a background with the YUV color 145.4390, 40.7026, -81.9460.

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

145.4390, 40.7026, -81.9460

Protanopia

164.3830, 25.9402, -13.4909

Deuteranopia

163.2880, 33.3820, -20.4236



Tritanopia

129.2920, 33.3800, -113.3891

Trichromacy



Original Color

145.4390, 40.7026, -81.9460

Protanomaly

157.3090, 31.3997, -37.9820

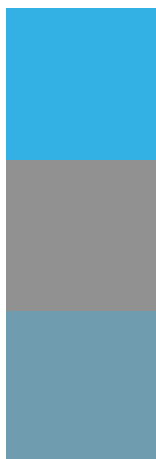
Deuteranomaly

156.5410, 36.2153, -42.5705

Tritanomaly

135.0530, 35.9629, -101.7785

Monochromacy



Original Color

145.4390, 40.7026, -81.9460

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.2980, 14.6431, -30.0793

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4390, 40.7026, -81.9460 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(52, 177, 228)` looks like.

```
.text, #text, p{  
    color:rgb(52, 177, 228)  
}
```

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(52, 177, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 177, 228) }
```

Border

The CSS property to change the border of an element to YUV 145.4390, 40.7026, -81.9460 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(52, 177, 228) }
```


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

```
.border{ border-color:rgb(52, 177, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 177, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 177, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 177, 228);  
box-shadow:4px 4px 4px 4px rgb(52, 177,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 145.4390, 40.7026, -81.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 177, 228) }
```

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

```
.background{ background-color: rgb(52, 177,  
228) }
```

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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