

Converting Colors

YUV(174.0720, 3.9085,
-40.4051)

Have a look what the booklet for
YUV(174.0720, 3.9085, -40.4051)
contains.

YUV(174.0720, 3.9085, -40.4051)	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(174.0720, 3.9085,
-40.4051)**

Conversions

Conversions Part 1

Format	Color
Hex	80C4B6
RGB	128, 196, 182
RGB Percent	50%, 77%, 71%
CMY	0.4980, 0.2314, 0.2863
CMYK	0.35, 0.00, 0.07, 0.23
HSL	168°, 37%, 64%
HSV	168°, 35%, 77%
XYZ	37.0855, 47.4464, 51.4594
YIQ	174.0720, -36.0340, -18.7700

Conversions

Conversions Part 2

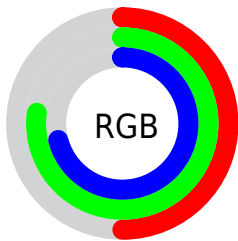
Format	Color
RYB	128, 166, 196
Decimal	8438966
CIELab	74.47, -24.61, 0.20
CIElCh	74, 24.613, 179.527
Yxy	47.4464, 0.2727, 0.3489
Android (android.graphics.Color)	4286629046 (0xFF80C4B6)
YUV	174.0720, 3.9085, -40.4051
Hunter-Lab	68.8814, -24.4386, 3.9230

Details

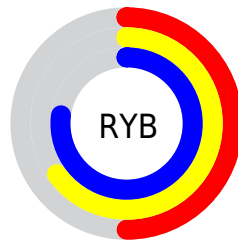
The YUV color $174.0720, 3.9085, -40.4051$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $149.9280, -3.9085, 40.4051$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.3600, 3.7665, -41.5347$, and $120.4850, 4.1979, -39.8903$ is the 20% darker color. If you saturate the color by 10%, you get $167.6360, 5.1095, -52.3008$, and if you desaturate by 10%, it is $180.5080, 2.7076, -28.5095$.

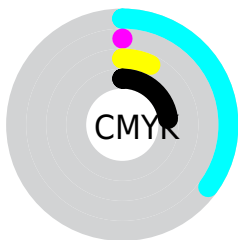
Distribution



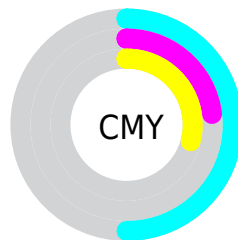
- Red (50%)
- Green (77%)
- Blue (71%)



- Red (50%)
- Yellow (65%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0720, 3.9085, -40.4051 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 174.0720, 3.9085, -40.4051 by changing the saturation by 10% instead.

■ 174.0720, 3.9085,
-40.4051

■ 174.0720, 3.9085,
-40.4051

255.0000, 0.0000,
0.0000

■ 147.0720, 3.9085,
-40.4051

■ 230.3600, 3.7665,
-41.5347

■ 120.4850, 4.1979,
-39.8903

■ 241.8440, 6.4859,
-27.0502

■ 94.3000, 4.7821,
-40.6051

■ 250.5150, 2.2111,
-9.2217

■ 67.9190, 5.9559,
-43.7790

■ 45.8270, 5.5083,
-40.1903

■ 30.5190, 2.7021,
-26.7652

■ 16.2710, -1.1196,

-14.2697

■ 0.0000, 0.0000,
0.0000

■ 174.0720, 3.9085,
-40.4051

■ 174.0720, 3.9085,
-40.4051

■ 167.6360, 5.1095,
-52.3008

■ 180.5080, 2.7076,
-28.5095

■ 161.4990, 6.1630,
-63.5816

■ 186.6450, 1.6540,
-17.2287

■ 155.0630, 7.3639,
-75.4773

■ 193.0810, 0.4531,
-5.3330

■ 148.9260, 8.4175,
-86.7581

■ 199.2180, -0.6005,
5.9478

■ 142.4900, 9.6184,
-98.6537

■ 205.6540, -1.8014,
17.8434

■ 136.0540, 10.8194,
-110.5494

■ 212.0900, -3.0024,
29.7391

■ 132.8360, 11.4199,
-116.4972

■ 215.2370, -2.5818,
34.8722

■ 215.6930, -0.8346,
34.4722

■ 216.1490, 0.9125,
34.0723

Harmonies

Analogous

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



176.9680, -8.3652, -23.6509



174.0720, 3.9085, -40.4051



173.1170, 15.7183, -48.3376

Triad

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



174.0720, 3.9085, -40.4051



185.4080, 18.0399, 0.5192



184.1490, -19.3005, 30.5643

Complementary

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



174.0720, 3.9085, -40.4051



149.9280, -3.9085, 40.4051

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.



185.5550, -11.6126, 38.1013



174.0720, 3.9085, -40.4051



187.2490, 9.2442, 21.7066

Square

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



174.0720, 3.9085, -40.4051



180.9320, 23.2045, -22.7424



186.8780, -1.4189, 35.1870



182.3660, -21.8724, 15.4650

Rectangle

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



174.0720, 3.9085, -40.4051



174.8060, 20.8016, -45.4339



186.8780, -1.4189, 35.1870



185.0400, -17.2747, 34.1679

Sweetspot

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



174.0720, 3.9085, -40.4051



246.9550, 1.5012, -14.8695



172.4010, -21.8897, -25.7847



122.7600, 0.6113, -9.4365



0.0000, 0.0000, 0.0000



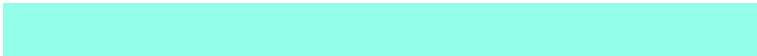
128.0000, 0.0000, 0.0000

Same Dimension

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



174.0720, 3.9085, -40.4051



220.4990, 6.1630, -63.5816



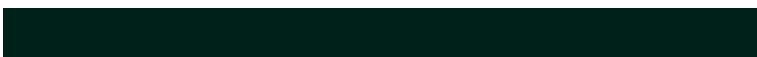
164.5150, 15.5221, -32.0237



93.7820, 0.6005, -5.9478



109.0990, 9.3182, -95.6798



22.3350, 1.8068, -19.5878

Inverse Universe

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



149.9280, -3.9085, 40.4051



182.5010, -6.1630, 63.5816



159.4850, -15.5221, 32.0237



90.2180, -0.6005, 5.9478



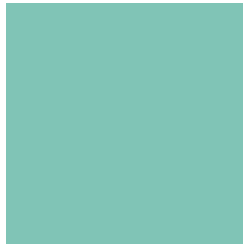
51.9010, -9.3182, 95.6798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 174.0720, 3.9085, -40.4051 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 174.0720, 3.9085, -40.4051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

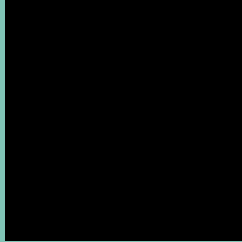
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.0720, 3.9085, -40.4051

Background



This preview shows how black text looks on a background with the YUV color 174.0720, 3.9085, -40.4051.



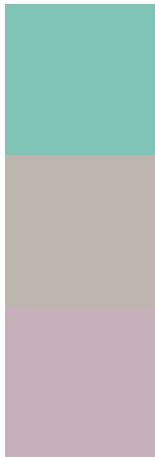
This preview shows how white text looks on a background with the YUV color 174.0720, 3.9085, -40.4051.

-40.4051.

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

174.0720, 3.9085, -40.4051

Protanopia

182.8820, -4.3788, 4.4885

Deuteranopia

184.3050, 0.8356, 12.0105



Tritanopia

176.4820, 15.5384, -37.2567

Trichromacy



Original Color

174.0720, 3.9085, -40.4051

Protanomaly

179.5810, -1.2724, -11.9105

Deuteranomaly

180.8250, 2.0583, -6.8625

Tritanomaly

175.4450, 11.6126, -38.1013

Monochromacy



Original Color

174.0720, 3.9085, -40.4051

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9550, 1.5012, -14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0720, 3.9085, -40.4051 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(128, 196, 182)` looks like.

```
.text, #text, p{  
    color:rgb(128, 196, 182)  
}
```

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(128, 196, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 196, 182) }
```

Border

The CSS property to change the border of an element to YUV 174.0720, 3.9085, -40.4051 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(128, 196, 182) }
```


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

```
.border{ border-color:rgb(128, 196, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 196, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 196, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 196, 182);  
box-shadow:4px 4px 4px 4px rgb(128, 196,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 174.0720, 3.9085, -40.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 196, 182) }
```

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

```
.background{ background-color: rgb(128,  
196, 182) }
```

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