

Converting Colors

YUV(173.6590, 3.6191,
-40.9199)

Have a look what the booklet for
YUV(173.6590, 3.6191, -40.9199)
contains.

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Color

**YUV(173.6590, 3.6191,
-40.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC4B5
RGB	127, 196, 181
RGB Percent	50%, 77%, 71%
CMY	0.5020, 0.2314, 0.2902
CMYK	0.35, 0.00, 0.08, 0.23
HSL	167°, 37%, 63%
HSV	167°, 35%, 77%
XYZ	36.8328, 47.3281, 50.9100
YIQ	173.6590, -36.3090, -19.2930

Conversions

Conversions Part 2

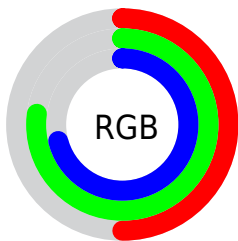
Format	Color
RYB	127, 166, 196
Decimal	8373429
CIELab	74.40, -25.12, 0.63
CIELCh	74, 25.127, 178.564
Yxy	47.3281, 0.2727, 0.3504
Android (android.graphics.Color)	4286563509 (0xFF7FC4B5)
YUV	173.6590, 3.6191, -40.9199
Hunter-Lab	68.7954, -24.8237, 4.2810

Details

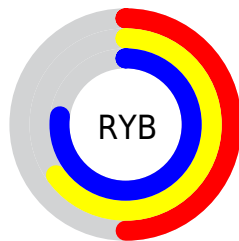
The YUV color **173.6590, 3.6191, -40.9199** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **149.3410, -3.6191, 40.9199**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.9470, 3.4771, -42.0495**, and **120.0720, 3.9085, -40.4051** is the 20% darker color. If you saturate the color by 10%, you get **167.2230, 4.8201, -52.8156**, and if you desaturate by 10%, it is **180.0950, 2.4182, -29.0243**.

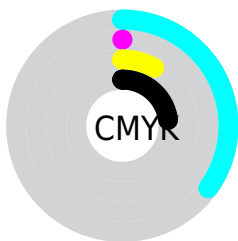
Distribution



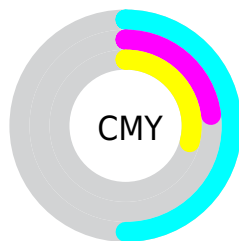
- Red (50%)
- Green (77%)
- Blue (71%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6590, 3.6191, -40.9199 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 173.6590, 3.6191, -40.9199 by changing the saturation by 10% instead.

■ 173.6590, 3.6191,
-40.9199

■ 173.6590, 3.6191,
-40.9199

255.0000, 0.0000,
0.0000

■ 146.6590, 3.6191,
-40.9199

■ 229.9470, 3.4771,
-42.0495

■ 120.0720, 3.9085,
-40.4051

■ 241.5450, 6.6333,
-27.6650

■ 93.8870, 4.4927,
-41.1199

■ 250.2160, 2.3585,
-9.8364

■ 67.2070, 5.8139,
-44.9085

■ 45.7130, 5.0715,
-40.0903

■ 30.4050, 2.2653,
-26.6652

■ 15.5700, -1.2670,

-13.6549

■ 0.0000, 0.0000,
0.0000

■ 173.6590, 3.6191,
-40.9199

■ 173.6590, 3.6191,
-40.9199

■ 167.2230, 4.8201,
-52.8156

■ 180.0950, 2.4182,
-29.0243

■ 160.9720, 5.4368,
-63.9964

■ 186.3460, 1.8014,
-17.8434

■ 154.5360, 6.6378,
-75.8921

■ 192.7820, 0.6005,
-5.9478

■ 148.3990, 7.6913,
-87.1729

■ 198.9190, -0.4531,
5.3330

■ 141.9630, 8.8922,
-99.0686

■ 205.3550, -1.6540,
17.2287

■ 135.4130, 9.6564,
-110.8642

■ 211.9050, -2.4182,
29.0243

■ 132.4940, 10.1095,
-116.1972

■ 215.3510, -2.1450,
34.7722

■ 215.8070, -0.3979,
34.3723

■ 216.2630, 1.3493,
33.9723

Harmonies

Analogous

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



176.7400, -9.2388, -23.4510



173.6590, 3.6191, -40.9199



172.4050, 15.5763, -49.4672

Triad

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



173.6590, 3.6191, -40.9199



184.6360, 18.9135, 0.3192



183.7470, -19.5953, 31.7939

Complementary

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



173.6590, 3.6191, -40.9199



149.3410, -3.6191, 40.9199

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.



185.8540, -11.7600, 38.7160



173.6590, 3.6191, -40.9199



186.7760, 9.9704, 22.1214

Square

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



173.6590, 3.6191, -40.9199



180.7470, 23.7887, -23.4571



186.4050, -0.6927, 35.6018



181.9640, -22.1673, 16.6946

Rectangle

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



173.6590, 3.6191, -40.9199



174.2080, 21.0965, -46.6634



186.4050, -0.6927, 35.6018



184.6380, -17.5695, 35.3975

Sweetspot

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



173.6590, 3.6191, -40.9199



245.9440, 1.5066, -16.6139



172.2870, -22.3265, -25.6847



122.4610, 0.7587, -10.0513



0.0000, 0.0000, 0.0000



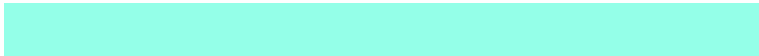
128.0000, 0.0000, 0.0000

Same Dimension

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



173.6590, 3.6191, -40.9199



220.3850, 5.7262, -63.4816



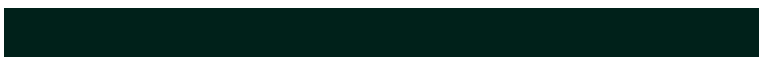
164.8030, 15.3801, -33.1532



93.7820, 0.6005, -5.9478



108.8710, 8.4446, -95.4799



22.3350, 1.8068, -19.5878

Inverse Universe

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



149.3410, -3.6191, 40.9199



182.6150, -5.7262, 63.4816



158.1970, -15.3801, 33.1532



90.2180, -0.6005, 5.9478



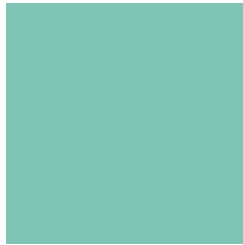
52.1290, -8.4446, 95.4799



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 173.6590, 3.6191, -40.9199 looks on a white background.

Color Contrast Check

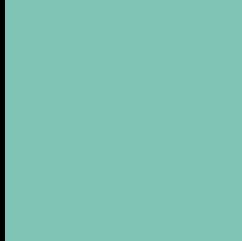
Large Text (above 18pt) WCAG AA × Fail

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 173.6590, 3.6191, -40.9199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

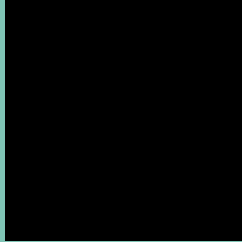
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.6590, 3.6191, -40.9199

Background



This preview shows how black text looks on a background with the YUV color 173.6590, 3.6191, -40.9199.



This preview shows how white text looks on a background with the YUV color 173.6590, 3.6191, -40.9199.

-40.9199.

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

173.6590, 3.6191, -40.9199

Protanopia

182.1810, -4.5262, 5.1033

Deuteranopia

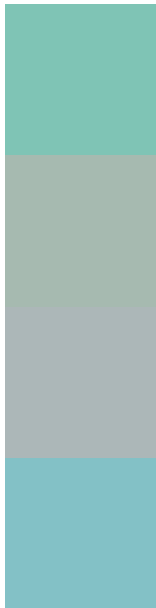
183.6040, 0.6882, 12.6253



Tritanopia

176.1830, 15.6858, -37.8715

Trichromacy



Original Color

173.6590, 3.6191, -40.9199

Protanomaly

178.8800, -1.4198, -11.2958

Deuteranomaly

179.8250, 2.0583, -6.8625

Tritanomaly

175.0320, 11.3232, -38.6161

Monochromacy



Original Color

173.6590, 3.6191, -40.9199

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 173.6590, 3.6191, -40.9199 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(127, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(127, 196, 181)  
}
```

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(127, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 196, 181) }
```

Border

The CSS property to change the border of an element to YUV 173.6590, 3.6191, -40.9199 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(127, 196, 181) }
```


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

```
.border{ border-color:rgb(127, 196, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 196, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 196, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 196, 181);  
box-shadow:4px 4px 4px 4px rgb(127, 196,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 173.6590, 3.6191, -40.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 196, 181) }
```

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

```
.background{ background-color: rgb(127,  
196, 181) }
```

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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