

Converting Colors

YUV(173.1550, 18.1646,
-39.6009)

Have a look what the booklet for
YUV(173.1550, 18.1646, -39.6009)
contains.

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Color

**YUV(173.1550, 18.1646,
-39.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	80BDD2
RGB	128, 189, 210
RGB Percent	50%, 74%, 82%
CMY	0.4980, 0.2588, 0.1765
CMYK	0.39, 0.10, 0.00, 0.18
HSL	195°, 48%, 66%
HSV	195°, 39%, 82%
XYZ	38.7325, 45.6375, 67.7403
YIQ	173.1550, -43.0970, -6.4010

Conversions

Conversions Part 2

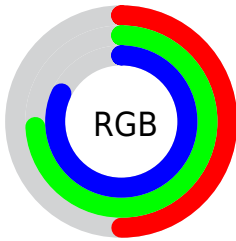
Format	Color
R _{YB}	128, 163, 210
Decimal	8437202
CIE Lab	73.31, -14.26, -16.75
CIE LCh	73, 22.002, 229.595
Yxy	45.6375, 0.2546, 0.3000
Android (android.graphics.Color)	4286627282 (0xFF80BDD2)
YUV	173.1550, 18.1646, -39.6009
Hunter-Lab	67.5556, -15.8804, -12.1632

Details

The YUV color $173.1550, 18.1646, -39.6009$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $164.8450, -18.1646, 39.6009$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.9010, 13.3598, -38.5012$, and $119.7420, 17.8752, -40.1157$ is the 20% darker color. If you saturate the color by 10%, you get $163.9410, 22.7071, -49.9373$, and if you desaturate by 10%, it is $182.3690, 13.6221, -29.2646$.

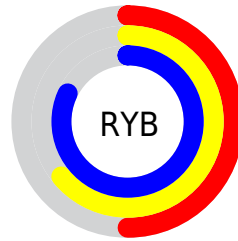
Distribution



Red (50%)

Green (74%)

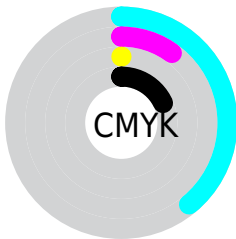
Blue (82%)



Red (50%)

Yellow (64%)

Blue (82%)

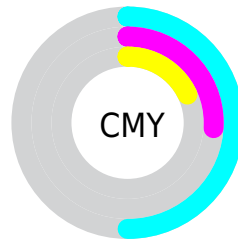


Cyan (39%)

Magenta (10%)

Yellow (0%)

Black (18%)



Cyan (50%)

Magenta (26%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1550, 18.1646, -39.6009 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 173.1550, 18.1646, -39.6009 by changing the saturation by 10% instead.

■ 173.1550, 18.1646,
-39.6009

■ 173.1550, 18.1646,
-39.6009

■ 255.0000, 0.0000,
0.0000

■ 146.0410, 17.7278,
-39.5010

■ 227.9010, 13.3598,
-38.5012

■ 119.7420, 17.8752,
-40.1157

■ 242.1430, 6.3385,
-26.4354

■ 92.7310, 17.8806,
-41.8601

■ 250.8140, 2.0637,
-8.6069

■ 64.7300, 19.3601,
-49.7522

■ 45.5140, 17.0016,
-39.9158

■ 29.9780, 13.3218,
-26.2907

■ 16.4310, 9.6475,

-14.4100

■ 1.4820, 5.6784,
-1.2997

■ 0.0000, 0.0000,
0.0000

■ 173.1550, 18.1646,
-39.6009

■ 173.1550, 18.1646,
-39.6009

■ 163.9410, 22.7071,
-49.9373

■ 182.3690, 13.6221,
-29.2646

■ 154.1400, 27.5390,
-59.7588

■ 192.1700, 8.7902,
-19.4431

■ 144.9260, 32.0815,
-70.0951

■ 201.3840, 4.2477,
-9.1068

■ 135.1250, 36.9134,
-79.9166

■ 211.1850, -0.5842,
0.7148

■ 125.9110, 41.4559,
-90.2529

■ 220.3990, -5.1267,
11.0511

■ 116.6970, 45.9984,
-100.5893

■ 229.6130, -9.6692,
21.3874

■ 115.5120, 46.5826,
-101.3040

■ 233.4340,
-11.5530, 18.9134

■ 236.3690,
-12.9999, 16.3394

■ 239.3040,
-14.4469, 13.7654

Harmonies

Analogous

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



171.4940, 10.6025, -40.7752



173.1550, 18.1646, -39.6009



176.9270, 20.7420, -26.2460

Triad

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



173.1550, 18.1646, -39.6009



183.4580, 2.2392, 28.5393



177.7280, -17.6139, 2.8695

Complementary

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



173.1550, 18.1646, -39.6009



164.8450, -18.1646, 39.6009

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.



179.7840, -19.1205, 19.4834



173.1550, 18.1646, -39.6009



182.8580, -7.8180, 34.3275

Square

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



173.1550, 18.1646, -39.6009



183.3620, 11.1605, 13.7145



181.7730, -15.6641, 30.8941



175.0400, -10.8657, -14.9441

Rectangle

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



173.1550, 18.1646, -39.6009



179.9610, 19.2462, -13.1208



181.7730, -15.6641, 30.8941



178.7180, -19.0880, 9.0173

Sweetspot

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



173.1550, 18.1646, -39.6009



241.0350, 6.8847, -14.9397



178.4140, -14.9941, -44.2131



119.6830, 4.1003, -8.4920



0.0000, 0.0000, 0.0000



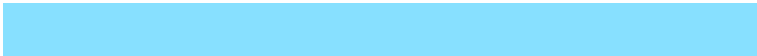
128.0000, 0.0000, 0.0000

Same Dimension

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



173.1550, 18.1646, -39.6009



200.9230, 26.6600, -57.8145



149.0880, 30.0296, -18.4942



99.9500, 2.4897, -5.2181



92.5270, 37.2082, -81.1462



22.2840, 9.2270, -19.5431

Inverse Universe

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



159.4720, 14.5573, 44.3131



181.0260, 21.1862, 64.8752



188.9120, -30.0296, 18.4942



98.2010, 1.8729, 5.9627



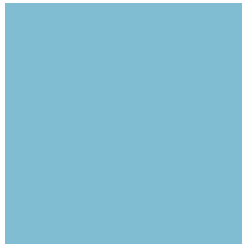
64.4820, 29.8354, 90.7853



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 173.1550, 18.1646, -39.6009 looks on a white background.

Color Contrast Check

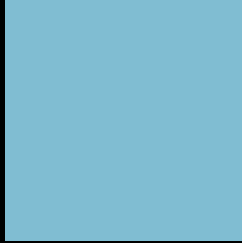
Large Text (above 18pt) WCAG AA × Fail

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 173.1550, 18.1646, -39.6009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

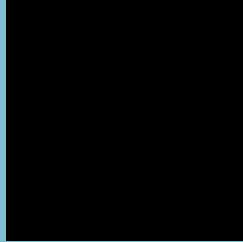
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.1550, 18.1646, -39.6009

Background



This preview shows how black text looks on a background with the YUV color 173.1550, 18.1646, -39.6009.



This preview shows how white text looks on a background with the YUV color 173.1550, 18.1646, -39.6009.

-39.6009.

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

173.1550, 18.1646, -39.6009

Protanopia

179.9530, 11.3622, -4.3438

Deuteranopia

180.8270, 15.8613, -0.7253



Tritanopia

172.8730, 15.8386, -40.2306

Trichromacy



Original Color

173.1550, 18.1646, -39.6009

Protanomaly

177.5600, 14.0209, -17.1541

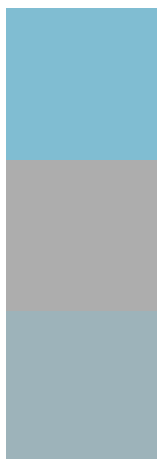
Deuteranomaly

177.9670, 16.7783, -14.8801

Tritanomaly

173.1010, 16.7122, -40.4306

Monochromacy



Original Color

173.1550, 18.1646, -39.6009

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.2200, 6.3005, -14.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1550, 18.1646, -39.6009 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, 189, 210)` looks like.

```
.text, #text, p{  
    color:rgb(128, 189, 210)  
}
```

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, 189, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 189, 210) }
```

Border

The CSS property to change the border of an element to YUV 173.1550, 18.1646, -39.6009 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, 189, 210) }
```


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

```
.border{ border-color:rgb(128, 189, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 189, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 189, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 189, 210);  
box-shadow:4px 4px 4px 4px rgb(128, 189,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 173.1550, 18.1646, -39.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 189, 210) }
```

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

```
.background{ background-color: rgb(128,  
189, 210) }
```

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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