

Converting Colors

YUV(173.2030, -11.4391,
-17.7180)

Have a look what the booklet for
YUV(173.2030, -11.4391, -17.7180)
contains.

YUV(173.2030, -11.4391, -17.7180)	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(173.2030, -11.4391,
-17.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	99BC96
RGB	153, 188, 150
RGB Percent	60%, 74%, 59%
CMY	0.4000, 0.2627, 0.4118
CMYK	0.19, 0.00, 0.20, 0.26
HSL	115°, 22%, 66%
HSV	115°, 20%, 74%
XYZ	36.6251, 44.9408, 35.5982
YIQ	173.2030, -8.6620, -19.2380

Conversions

Conversions Part 2

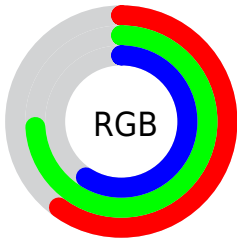
Format	Color
RYB	150, 188, 185
Decimal	10075286
CIELab	72.85, -19.14, 15.41
CIELCh	73, 24.576, 141.155
Yxy	44.9408, 0.3126, 0.3836
Android (android.graphics.Color)	4288265366 (0xFF99BC96)
YUV	173.2030, -11.4391, -17.7180
Hunter-Lab	67.0379, -19.7955, 15.4425

Details

The YUV color **173.2030, -11.4391, -17.7180** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **164.7970, 11.4391, 17.7180**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6760, -12.1653, -18.1329**, and **120.7300, -10.7129, -17.3032** is the 20% darker color. If you saturate the color by 10%, you get **165.9540, -17.2323, -26.2697**, and if you desaturate by 10%, it is **180.4520, -5.6458, -9.1664**.

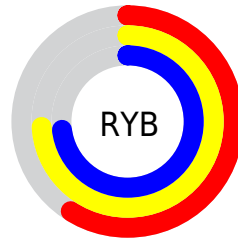
Distribution



Red (60%)

Green (74%)

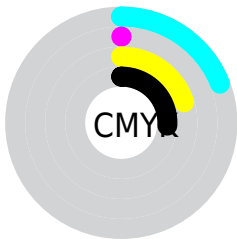
Blue (59%)



Red (59%)

Yellow (74%)

Blue (73%)

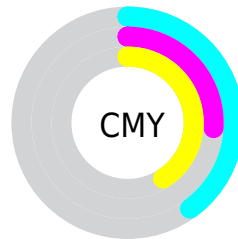


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2030, -11.4391, -17.7180 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 173.2030, -11.4391, -17.7180 by changing the saturation by 10% instead.

■ 173.2030,
-11.4391, -17.7180

■ 173.2030,
-11.4391, -17.7180

■ 255.0000, 0.0000,
0.0000

■ 146.6160,
-11.1497, -17.2032

■ 228.6760,
-12.1653, -18.1329

■ 120.7300,
-10.7129, -17.3032

■ 246.6970, -7.2456,
-9.3813

■ 95.5560, -10.1341,
-16.2736

■ 71.6700, -9.6973,
-16.3736

■ 48.6100, -8.6817,
-15.4440

■ 26.4960, -9.1185,
-15.3440

■ 10.5660, -5.2090,

-9.2664

■ 0.0000, 0.0000,
0.0000

■ 173.2030,
-11.4391, -17.7180

■ 173.2030,
-11.4391, -17.7180

■ 165.9540,
-17.2323, -26.2697

■ 180.4520, -5.6458,
-9.1664

■ 158.4060,
-22.8782, -35.4361

■ 188.0000, 0.0000,
0.0000

■ 151.2710,
-28.2346, -44.0877

■ 195.1350, 5.3564,
8.6516

■ 144.0220,
-34.0278, -52.6393

■ 202.3840, 11.1497,
17.2032

■ 136.4740,
-39.6737, -61.8057

■ 209.9320, 16.7955,
26.3696

■ 129.2250,
-45.4669, -70.3573

■ 215.6710, 19.3892,
34.4915

■ 121.9760,
-51.2602, -78.9090

■ 114.8410,
-56.6166, -87.5606

Harmonies

Analogous

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



175.9730, -19.2137, 2.6547



173.2030, -11.4391, -17.7180



170.1820, 0.4033, -36.1166

Triad

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



173.2030, -11.4391, -17.7180



175.6000, 23.3682, -28.5902



181.6520, -8.7024, 38.0162

Complementary

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



173.2030, -11.4391, -17.7180



164.7970, 11.4391, 17.7180

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.



182.3660, 1.7916, 32.1280



173.2030, -11.4391, -17.7180



179.9450, 20.2401, -5.2138

Square

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



173.2030, -11.4391, -17.7180



170.8060, 20.8016, -45.4339



182.3130, 12.1707, 16.3885



180.3280, -17.4167, 33.0383

Rectangle

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



173.2030, -11.4391, -17.7180



169.3040, 8.7241, -44.9936



182.3130, 12.1707, 16.3885



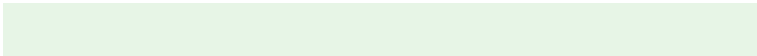
182.4500, -5.6448, 37.3164

Sweetspot

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



173.2030, -11.4391, -17.7180



239.1040, -4.4883, -7.1072



181.9070, -15.7302, 5.3436



118.9950, -2.4625, -3.5036



250.0000, 0.0000, 0.0000



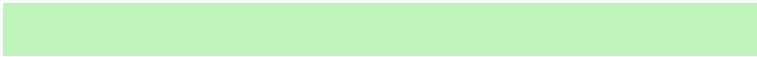
122.0000, 0.0000, 0.0000

Same Dimension

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



173.2030, -11.4391, -17.7180



222.1280, -17.8111, -27.2993



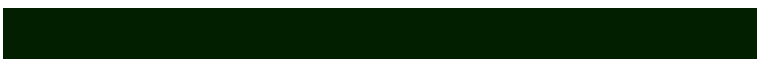
174.1300, -4.0081, -21.1620



90.5820, -2.7519, -4.0184



96.3340, -47.4927, -73.9609



18.7950, -9.2659, -14.7292

Inverse Universe

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



164.7970, 11.4391, 17.7180



208.8720, 17.8111, 27.2993



163.8700, 4.0081, 21.1620



88.7170, 2.6045, 4.6332



61.6660, 47.4927, 73.9609



11.9060, 9.4133, 14.1144

Previews

White Background



This preview shows how the YUV color 173.2030, -11.4391, -17.7180 looks on a white background.

Color Contrast Check

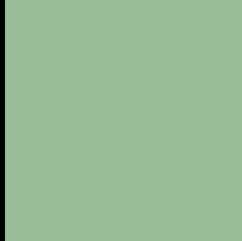
Large Text (above 18pt) WCAG AA × Fail

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 173.2030, -11.4391, -17.7180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

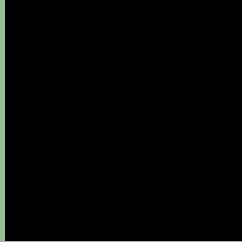
Any Text WCAG AA ✓ Pass

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 173.2030, -11.4391, -17.7180 Background



This preview shows how black text looks on a background with the YUV color 173.2030, -11.4391, -17.7180.



This preview shows how white text looks on a background with the YUV color 173.2030, -11.4391, -17.7180.

-17.7180.

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

173.2030, -11.4391, -17.7180

Protanopia

177.5270, -16.0358, 10.0618

Deuteranopia

179.4020, -13.0162, 21.5724



Tritanopia

177.3170, 9.2107, -14.3100

Trichromacy



Original Color

173.2030, -11.4391, -17.7180

Protanomaly

176.2160, -14.4035, -0.1894

Deuteranomaly

177.1290, -12.3886, 6.9029

Tritanomaly

175.6560, 1.6486, -15.4843

Monochromacy



Original Color

173.2030, -11.4391, -17.7180

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9300, -3.9095, -6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2030, -11.4391, -17.7180 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(153, 188, 150)` looks like.

```
.text, #text, p{  
    color:rgb(153, 188, 150)  
}
```

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(153, 188, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 188, 150) }
```

Border

The CSS property to change the border of an element to YUV 173.2030, -11.4391, -17.7180 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(153, 188, 150) }
```


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

```
.border{ border-color:rgb(153, 188, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 188, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 188, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 188, 150);  
box-shadow:4px 4px 4px 4px rgb(153, 188,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 173.2030, -11.4391, -17.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 188, 150) }
```

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

```
.background{ background-color: rgb(153,  
188, 150) }
```

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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