

Converting Colors

YUV(173.7650, -20.5901,
-22.5959)

Have a look what the booklet for
YUV(173.7650, -20.5901, -22.5959)
contains.

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Color

**YUV(173.7650, -20.5901,
-22.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	94C384
RGB	148, 195, 132
RGB Percent	58%, 76%, 52%
CMY	0.4196, 0.2353, 0.4824
CMYK	0.24, 0.00, 0.32, 0.24
HSL	105°, 34%, 64%
HSV	105°, 32%, 76%
XYZ	35.8927, 46.9921, 29.0084
YIQ	173.7650, -7.7890, -29.5570

Conversions

Conversions Part 2

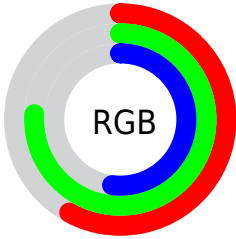
Format	Color
RYB	132, 195, 179
Decimal	9749380
CIELab	74.18, -27.32, 26.80
CIELCh	74, 38.272, 135.555
Yxy	46.9921, 0.3208, 0.4200
Android (android.graphics.Color)	4287939460 (0xFF94C384)
YUV	173.7650, -20.5901, -22.5959
Hunter-Lab	68.5508, -26.5024, 22.8959

Details

The YUV color **173.7650, -20.5901, -22.5959** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.2350, 20.5901, 22.5959**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8250, -21.6057, -23.5255**, and **120.8190, -19.1378, -21.7663** is the 20% darker color. If you saturate the color by 10%, you get **167.1140, -26.6782, -29.9180**, and if you desaturate by 10%, it is **180.5300, -14.0653, -15.3738**.

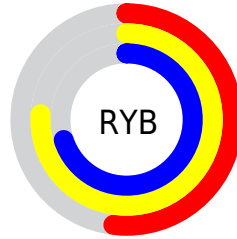
Distribution



Red (58%)

Green (76%)

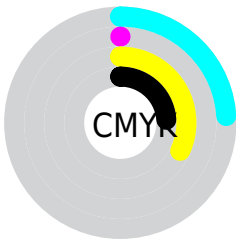
Blue (52%)



Red (52%)

Yellow (76%)

Blue (70%)

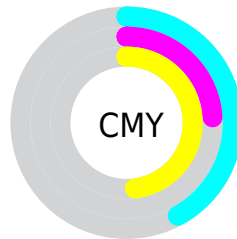


Cyan (24%)

Magenta (0%)

Yellow (32%)

Black (24%)



Cyan (42%)

Magenta (24%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.7650, -20.5901, -22.5959 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 173.7650, -20.5901, -22.5959 by changing the saturation by 10% instead.

■ 173.7650,
-20.5901, -22.5959

■ 173.7650,
-20.5901, -22.5959

255.0000, 0.0000,
0.0000

■ 147.1780,
-20.3008, -22.0811

■ 229.8250,
-21.6057, -23.5255

■ 120.8190,
-19.1378, -21.7663

■ 243.3350,
-14.9552, -9.9408

■ 95.3460, -18.4116,
-21.3514

■ 253.5180, -5.6784,
1.2997

■ 70.5740, -17.5380,
-21.5514

■ 47.0900, -16.8064,
-22.8809

■ 25.8280, -12.7332,
-22.6512

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 173.7650,
-20.5901, -22.5959

■ 173.7650,
-20.5901, -22.5959

■ 167.1140,
-26.6782, -29.9180

■ 180.5300,
-14.0653, -15.3738

■ 160.6480,
-33.3505, -36.5253

■ 186.8820, -7.8298,
-8.6665

■ 153.9970,
-39.4385, -43.8474

■ 193.6470, -1.3050,
-1.4444

■ 147.5310,
-46.1108, -50.4547

■ 199.9990, 4.9305,
5.2629

■ 140.8800,
-52.1988, -57.7768

■ 206.7640, 11.4553,
12.4850

■ 134.4140,
-58.8711, -64.3841

■ 213.1160, 17.6908,
19.1923

■ 129.4150,
-63.8016, -69.6470

■ 218.2850, 18.1005,
27.8141

■ 219.7800, 17.3635,
30.8879

Harmonies

Analogous

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



178.3900, -31.7443, 8.4280



173.7650, -20.5901, -22.5959



167.1920, -1.5737, -55.4194

Triad

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



173.7650, -20.5901, -22.5959



171.4140, 38.7429, -59.9991



185.7300, -10.2199, 58.1188

Complementary

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



173.7650, -20.5901, -22.5959



153.2350, 20.5901, 22.5959

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.



186.8330, 6.9843, 46.6275



173.7650, -20.5901, -22.5959



182.5980, 33.2292, -18.0644

Square

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



173.7650, -20.5901, -22.5959



157.3250, 36.8148, -95.0010



187.2670, 22.0534, 19.9368



183.9130, -24.6071, 52.6963

Rectangle

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



173.7650, -20.5901, -22.5959



161.2460, 13.1897, -77.3917



187.2670, 22.0534, 19.9368



185.9130, -4.3941, 56.2043

Sweetspot

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



173.7650, -20.5901, -22.5959



243.7680, -8.2666, -8.5665



177.8390, -22.5986, 15.0502



122.5880, -5.2199, -5.7777



0.0000, 0.0000, 0.0000



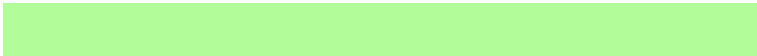
128.0000, 0.0000, 0.0000

Same Dimension

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



173.7650, -20.5901, -22.5959



219.0010, -32.0455, -35.0809



170.6910, -11.6797, -33.9320



93.7670, -3.3361, -3.3037



106.7660, -52.6356, -57.6768



21.7630, -10.7292, -12.0702

Inverse Universe

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



153.2350, 20.5901, 22.5959



186.9990, 32.0455, 35.0809



156.3090, 11.6797, 33.9320



90.2330, 3.3361, 3.3037



54.2340, 52.6356, 57.6768



11.2370, 10.7292, 12.0702

Previews

White Background



This preview shows how the YUV color 173.7650, -20.5901, -22.5959 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 173.7650, -20.5901, -22.5959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

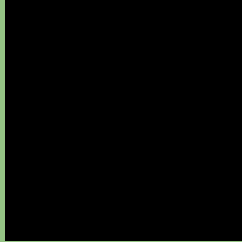
Any Text WCAG AA ✓ Pass

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 173.7650, -20.5901, -22.5959 Background



This preview shows how black text looks on a background with the YUV color 173.7650, -20.5901, -22.5959.



This preview shows how white text looks on a background with the YUV color 173.7650, -20.5901, -22.5959.

-22.5959.

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

173.7650, -20.5901, -22.5959

Protanopia

179.8020, -26.5244, 14.2056

Deuteranopia

181.6280, -22.4946, 28.3902



Tritanopia

179.6370, 10.5320, -18.0986

Trichromacy



Original Color

173.7650, -20.5901, -22.5959

Protanomaly

177.8820, -24.5918, 0.9805

Deuteranomaly

179.0340, -21.7088, 9.6172

Tritanomaly

177.3520, -0.6665, -19.6027

Monochromacy



Original Color

173.7650, -20.5901, -22.5959

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2950, -7.5404, -8.1517

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7650, -20.5901, -22.5959 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(148, 195, 132)` looks like.

```
.text, #text, p{  
    color:rgb(148, 195, 132)  
}
```

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(148, 195, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 195, 132) }
```

Border

The CSS property to change the border of an element to YUV 173.7650, -20.5901, -22.5959 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(148, 195, 132) }
```


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

```
.border{ border-color:rgb(148, 195, 132) }
```

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

Here you see how a box with a 4 pixel rgb(148, 195, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 195, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 195, 132);  
box-shadow:4px 4px 4px 4px rgb(148, 195,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 173.7650, -20.5901, -22.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 195, 132) }
```

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

```
.background{ background-color: rgb(148,  
195, 132) }
```

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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