

Converting Colors

YUV(177.6650, -32.3728,
-23.3852)

Have a look what the booklet for
YUV(177.6650, -32.3728, -23.3852)
contains.

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Color

**YUV(177.6650, -32.3728,
-23.3852)**

Conversions

Conversions Part 1

Format	Color
Hex	97CC70
RGB	151, 204, 112
RGB Percent	59%, 80%, 44%
CMY	0.4078, 0.2000, 0.5608
CMYK	0.26, 0.00, 0.45, 0.20
HSL	95°, 47%, 62%
HSV	95°, 45%, 80%
XYZ	37.2800, 50.9349, 23.1958
YIQ	177.6650, -2.0560, -39.8480

Conversions

Conversions Part 2

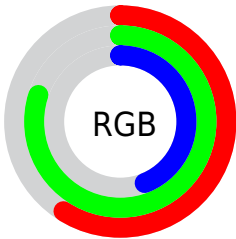
Format	Color
RYB	112, 204, 165
Decimal	9948272
CIELab	76.64, -33.31, 40.28
CIELCh	77, 52.263, 129.590
Yxy	50.9349, 0.3346, 0.4572
Android (android.graphics.Color)	4288138352 (0xFF97CC70)
YUV	177.6650, -32.3728, -23.3852
Hunter-Lab	71.3687, -31.6543, 30.6880

Details

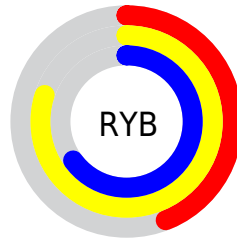
The YUV color **177.6650, -32.3728, -23.3852** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **138.3350, 32.3728, 23.3852**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3880, -32.2363, -20.5113**, and **123.5340, -30.3363, -23.2703** is the 20% darker color. If you saturate the color by 10%, you get **171.7970, -39.3399, -28.7630**, and if you desaturate by 10%, it is **183.5330, -25.4058, -18.0074**.

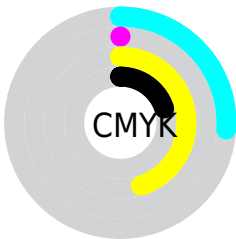
Distribution



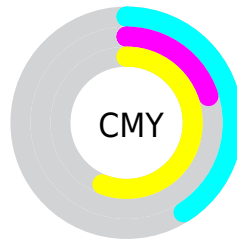
- Red (59%)
- Green (80%)
- Blue (44%)



- Red (44%)
- Yellow (80%)
- Blue (65%)



- Cyan (26%)
- Magenta (0%)
- Yellow (45%)
- Black (20%)



- Cyan (41%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6650, -32.3728, -23.3852 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 177.6650, -32.3728, -23.3852 by changing the saturation by 10% instead.

■ 177.6650,
-32.3728, -23.3852

■ 177.6650,
-32.3728, -23.3852

■ 255.0000, 0.0000,
0.0000

■ 150.1920,
-31.6467, -22.9704

■ 230.3880,
-32.2363, -20.5113

■ 123.5340,
-30.3363, -23.2703

■ 242.2510,
-24.2807, -5.4821

■ 97.6480, -29.8995,
-23.3703

■ 251.1240,
-14.8511, 3.3993

■ 71.8930, -31.4992,
-23.5852

■ 254.4300, -2.1840,
0.4999

■ 48.5210, -23.9209,
-27.6439

■ 29.9370, -14.7589,
-26.2547

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 177.6650,
-32.3728, -23.3852

■ 177.6650,
-32.3728, -23.3852

■ 171.7970,
-39.3399, -28.7630

■ 183.5330,
-25.4058, -18.0074

■ 165.8150,
-46.7438, -34.0408

■ 189.5150,
-18.0019, -12.7297

■ 160.2460,
-53.8583, -38.8037

■ 195.0840,
-10.8874, -7.9667

■ 154.2640,
-61.2622, -44.0815

■ 201.0660, -3.4835,
-2.6889

■ 148.3960,
-68.2292, -49.4593

■ 206.9340, 3.4835,
2.6889

■ 145.4620,
-71.7128, -52.1482

■ 212.8020, 10.4506,
8.0666

■ 218.4850, 18.0019,
12.7297

■ 222.0730, 16.2330,
20.1070

■ 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



183.1880, -45.4487, 17.3751



177.6650, -32.3728, -23.3852



165.9310, -5.8820, -73.6075

Triad

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



177.6650, -32.3728, -23.3852



148.2310, 52.6371, -129.9986



183.6580, -4.2684, 62.5669

Complementary

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



177.6650, -32.3728, -23.3852



138.3350, 32.3728, 23.3852

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.



192.1790, 15.6878, 55.0940



177.6650, -32.3728, -23.3852



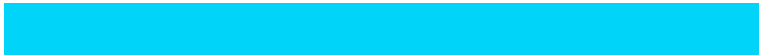
180.9760, 36.4938, -38.5670

Square

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



177.6650, -32.3728, -23.3852



152.8300, 47.4118, -134.0319



192.8460, 30.6419, 18.5521



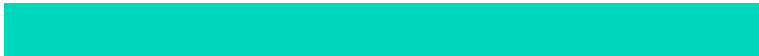
183.8110, -26.5288, 62.4328

Rectangle

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



177.6650, -32.3728, -23.3852



146.9360, 19.7516, -128.8629



192.8460, 30.6419, 18.5521



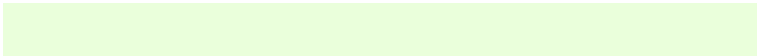
185.5960, 3.1572, 60.8673

Sweetspot

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



177.6650, -32.3728, -23.3852



244.6170, -12.6292, -9.3111



170.0320, -28.6098, 29.7899



121.6050, -7.6933, -5.7926



0.0000, 0.0000, 0.0000



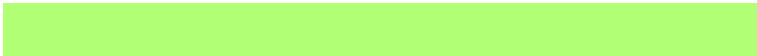
128.0000, 0.0000, 0.0000

Same Dimension

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



177.6650, -32.3728, -23.3852



215.6470, -48.6330, -34.7704



166.6880, -24.0032, -47.9614



99.0660, -3.4835, -2.6889



118.3720, -58.3574, -42.4222



27.0900, -13.3554, -9.7259

Inverse Universe

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



138.3350, 32.3728, 23.3852



156.6520, 48.4856, 35.3852



149.3120, 24.0032, 47.9614



94.9340, 3.4835, 2.6889



47.3290, 58.5048, 41.8075



10.9100, 13.3554, 9.7259

Previews

White Background



This preview shows how the YUV color 177.6650, -32.3728, -23.3852 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 177.6650, -32.3728, -23.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

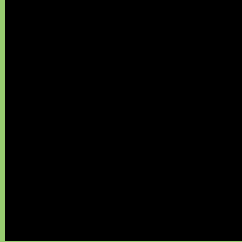
Any Text WCAG AA ✓ Pass

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 177.6650, -32.3728, -23.3852 Background



This preview shows how black text looks on a background with the YUV color 177.6650, -32.3728, -23.3852.



This preview shows how white text looks on a background with the YUV color 177.6650, -32.3728, -23.3852.

-23.3852.

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

177.6650, -32.3728, -23.3852

Protanopia

184.9200, -38.9076, 19.3642

Deuteranopia

187.2840, -34.1570, 35.7079



Tritanopia

186.6370, 10.5320, -18.0986

Trichromacy



Original Color

177.6650, -32.3728, -23.3852

Protanomaly

182.1030, -36.5328, 4.2947

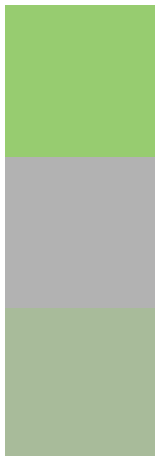
Deuteranomaly

183.9670, -33.5077, 14.0609

Tritanomaly

183.5000, -5.1765, -19.7325

Monochromacy



Original Color

177.6650, -32.3728, -23.3852

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.5570, -11.6136, -8.3815

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6650, -32.3728, -23.3852 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(151, 204, 112)` looks like.

```
.text, #text, p{  
    color:rgb(151, 204, 112)  
}
```

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(151, 204, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 204, 112) }
```

Border

The CSS property to change the border of an element to YUV 177.6650, -32.3728, -23.3852 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(151, 204, 112) }
```


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

```
.border{ border-color:rgb(151, 204, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 204, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 204, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 204, 112); box-shadow:4px 4px 4px 4px rgb(151, 204, 112) }
```

Background

The CSS property to change the background color of an element to YUV 177.6650, -32.3728, -23.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 204, 112) }
```

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

```
.background{ background-color: rgb(151,  
204, 112) }
```

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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