

Converting Colors

YUV(159.6020, -23.4678,
-32.9770)

Have a look what the booklet for
YUV(159.6020, -23.4678, -32.9770)
contains.

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Color

**YUV(159.6020, -23.4678,
-32.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	7ABC70
RGB	122, 188, 112
RGB Percent	48%, 74%, 44%
CMY	0.5216, 0.2627, 0.5608
CMYK	0.35, 0.00, 0.40, 0.26
HSL	112°, 36%, 59%
HSV	112°, 40%, 74%
XYZ	28.9339, 41.2739, 21.7709
YIQ	159.6020, -14.9400, -37.6280

Conversions

Conversions Part 2

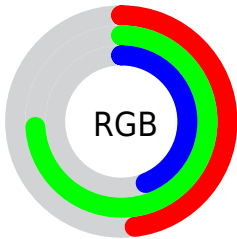
Format	Color
RYB	112, 188, 178
Decimal	8043632
CIELab	70.37, -35.92, 31.96
CIELCh	70, 48.081, 138.342
Yxy	41.2739, 0.3146, 0.4487
Android (android.graphics.Color)	4286233712 (0xFF7ABC70)
YUV	159.6020, -23.4678, -32.9770
Hunter-Lab	64.2447, -32.0373, 24.8794

Details

The YUV color **159.6020, -23.4678, -32.9770** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **140.3980, 23.4678, 32.9770**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5480, -24.9202, -33.8066**, and **106.4710, -21.4312, -32.8621** is the 20% darker color. If you saturate the color by 10%, you get **152.6520, -29.4084, -40.9138**, and if you desaturate by 10%, it is **166.5520, -17.5271, -25.0401**.

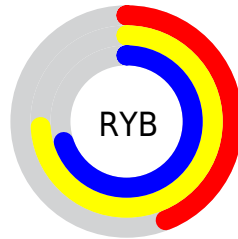
Distribution



Red (48%)

Green (74%)

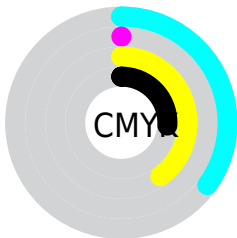
Blue (44%)



Red (44%)

Yellow (74%)

Blue (70%)

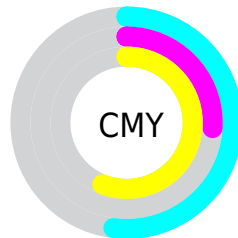


Cyan (35%)

Magenta (0%)

Yellow (40%)

Black (26%)



Cyan (52%)

Magenta (26%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.6020, -23.4678, -32.9770 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 159.6020, -23.4678, -32.9770 by changing the saturation by 10% instead.

■ 159.6020,
-23.4678, -32.9770

■ 159.6020,
-23.4678, -32.9770

255.0000, 0.0000,
0.0000

■ 132.8300,
-22.5942, -33.1769

■ 215.5480,
-24.9202, -33.8066

■ 106.4710,
-21.4312, -32.8621

■ 232.8680,
-20.1479, -24.4402

■ 80.4000, -20.4102,
-33.6768

■ 244.7310,
-12.1924, -9.4111

■ 54.0080, -19.2309,
-38.5950

■ 254.3160, -2.6208,
0.5999

■ 35.2200, -17.3635,
-30.8879

■ 22.8930, -11.2862,
-20.0772

■ 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 159.6020,
-23.4678, -32.9770

■ 159.6020,
-23.4678, -32.9770

■ 152.6520,
-29.4084, -40.9138

■ 166.5520,
-17.5271, -25.0401

■ 145.4030,
-35.2017, -49.4654

■ 173.8010,
-11.7339, -16.4885

■ 138.5670,
-40.7055, -57.5023

■ 180.6370, -6.2300,
-8.4516

■ 131.6170,
-46.6462, -65.4391

■ 187.5870, -0.2894,
-0.5148

■ 124.3680,
-52.4394, -73.9907

■ 194.8360, 5.5039,
8.0368

■ 117.8310,
-58.0907, -81.4128

■ 201.7860, 11.4445,
15.9737

■ 208.7360, 17.3852,
23.9105

■ 215.0730, 19.6840,
33.2620

■ 215.6710, 19.3892,
34.4915

Harmonies

Analogous

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



165.7180, -39.3010, 5.5093



159.6020, -23.4678, -32.9770



145.0850, 3.9021, -85.1435

Triad

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



159.6020, -23.4678, -32.9770



149.9570, 51.7862, -90.2933



173.4220, -13.0260, 71.5439

Complementary

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



159.6020, -23.4678, -32.9770



140.3980, 23.4678, 32.9770

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.



176.0350, 7.3777, 60.4823



159.6020, -23.4678, -32.9770



171.6500, 41.0916, -19.8640

Square

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



159.6020, -23.4678, -32.9770



139.0210, 47.8106, -121.9214



176.8750, 26.6836, 28.1736



171.8450, -31.4756, 62.4029

Rectangle

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



159.6020, -23.4678, -32.9770



135.3270, 23.5028, -118.6818



176.8750, 26.6836, 28.1736



174.1320, -6.4741, 70.0442

Sweetspot

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



159.6020, -23.4678, -32.9770



233.8060, -9.2714, -12.9849



173.4660, -30.3027, 12.7463



115.8760, -5.3619, -6.9073



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.



159.6020, -23.4678, -32.9770



200.2240, -37.0854, -51.9394



159.8040, -9.7634, -41.9241



90.5820, -2.7519, -4.0184



99.0250, -48.8193, -68.4279



19.3930, -9.5607, -13.4997

Inverse Universe

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



140.3980, 23.4678, 32.9770



169.7760, 37.0854, 51.9394



140.1960, 9.7634, 41.9241



88.4180, 2.7519, 4.0184



58.9750, 48.8193, 68.4279



11.6070, 9.5607, 13.4997

Previews

White Background



This preview shows how the YUV color 159.6020, -23.4678, -32.9770 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 159.6020, -23.4678, -32.9770 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 159.6020, -23.4678, -32.9770 Background



This preview shows how black text looks on a background with the YUV color 159.6020, -23.4678, -32.9770.



This preview shows how white text looks on a background with the YUV color 159.6020, -23.4678, -32.9770.

-32.9770.

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

159.6020, -23.4678, -32.9770

Protanopia

168.3740, -30.7504, 16.3350

Deuteranopia

171.0150, -26.1364, 29.8048



Tritanopia

167.4510, 12.5957, -26.7055

Trichromacy



Original Color

159.6020, -23.4678, -32.9770

Protanomaly

164.9480, -28.0754, -1.7084

Deuteranomaly

167.1000, -25.1923, 6.9283

Tritanomaly

164.9980, -0.4920, -28.9392

Monochromacy



Original Color

159.6020, -23.4678, -32.9770

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.7460, -8.2558, -12.0552

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6020, -23.4678, -32.9770 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(122, 188, 112)` looks like.

```
.text, #text, p{  
    color:rgb(122, 188, 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(122, 188, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 188, 112) }
```

Border

The CSS property to change the border of an element to YUV 159.6020, -23.4678, -32.9770 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(122, 188, 112) }
```


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

```
.border{ border-color:rgb(122, 188, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 188, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 188, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 188, 112);  
box-shadow:4px 4px 4px 4px rgb(122, 188,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 159.6020, -23.4678, -32.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 188, 112) }
```

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

```
.background{ background-color: rgb(122,  
188, 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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