

Converting Colors

YUV(99.6230, 1.6649, -20.7174)

Have a look what the booklet for
YUV(99.6230, 1.6649, -20.7174)
contains.

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Color

**YUV(99.6230, 1.6649,
-20.7174)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6F67
RGB	76, 111, 103
RGB Percent	30%, 44%, 40%
CMY	0.7020, 0.5647, 0.5961
CMYK	0.32, 0.00, 0.07, 0.56
HSL	166°, 19%, 37%
HSV	166°, 32%, 44%
XYZ	11.1131, 13.8847, 14.9262
YIQ	99.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

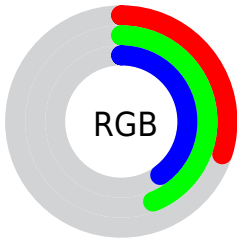
Format	Color
R_{YB}	76, 96, 111
Decimal	5009255
CIE _{Lab}	44.07, -14.42, 0.44
CIE _{LCh}	44, 14.422, 178.253
Yxy	13.8847, 0.2784, 0.3478
Android (android.graphics.Color)	4283199335 (0xFF4C6F67)
YUV	99.6230, 1.6649, -20.7174
Hunter-Lab	37.2621, -11.9726, 2.3334

Details

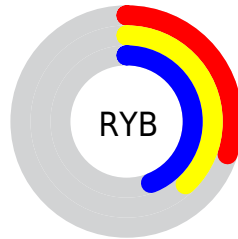
The YUV color **99.6230, 1.6649, -20.7174** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **87.3770, -1.6649, 20.7174**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9110, 1.5229, -21.8469**, and **52.0360, 1.9543, -20.2026** is the 20% darker color. If you saturate the color by 10%, you get **95.9920, 1.9759, -27.1800**, and if you desaturate by 10%, it is **103.2540, 1.3538, -14.2548**.

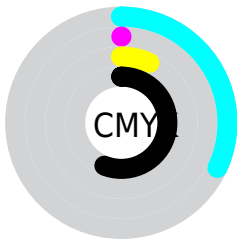
Distribution



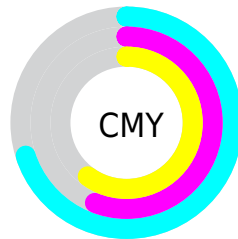
- Red (30%)
- Green (44%)
- Blue (40%)



- Red (30%)
- Yellow (38%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (56%)



- Cyan (70%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.6230, 1.6649, -20.7174 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 99.6230, 1.6649, -20.7174 by changing the saturation by 10% instead.

■ 99.6230, 1.6649,
-20.7174

■ 99.6230, 1.6649,
-20.7174

■ 255.0000, 0.0000,
0.0000

■ 75.6230, 1.6649,
-20.7174

■ 150.9110, 1.5229,
-21.8469

■ 52.0360, 1.9543,
-20.2026

■ 177.6120, 1.6703,
-22.4617

■ 29.8510, 2.5385,
-20.9173

■ 205.1990, 1.3809,
-22.9765

■ 14.3960, -0.6882,
-12.6253

■ 233.3130, 1.8177,
-23.0765

■ 0.0000, 0.0000,
0.0000

■ 249.3190, 2.8007,
-11.6808

■ 99.6230, 1.6649,
-20.7174

■ 99.6230, 1.6649,
-20.7174

■ 95.9920, 1.9759,
-27.1800

■ 103.2540, 1.3538,
-14.2548

■ 92.4750, 2.7238,
-33.7426

■ 106.7710, 0.6059,
-7.6922

■ 88.8440, 3.0349,
-40.2052

■ 110.4020, 0.2948,
-1.2296

■ 85.3270, 3.7828,
-46.7678

■ 113.9190, -0.4531,
5.3330

■ 81.6960, 4.0939,
-53.2304

■ 117.8490, -0.9116,
12.4104

■ 77.8800, 4.9892,
-60.4078

■ 121.3660, -1.6594,
18.9730

■ 74.9610, 5.4422,
-65.7408

■ 124.9970, -1.9705,
25.4356

■ 128.5140, -2.7184,

31.9982

■ 132.1450, -3.0295,
38.4608

Harmonies

Analogous

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



100.9570, -4.9088, -12.2403



99.6230, 1.6649, -20.7174



99.4960, 7.6435, -24.9910

Triad

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



99.6230, 1.6649, -20.7174



104.9320, 9.8935, 0.0596



104.7650, -10.2371, 16.8691

Complementary

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



99.6230, 1.6649, -20.7174



87.3770, -1.6649, 20.7174

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.



105.5250, -6.1748, 20.5876



99.6230, 1.6649, -20.7174



106.4450, 5.2036, 11.0107

Square

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



99.6230, 1.6649, -20.7174



102.8380, 12.4049, -12.1359



106.2950, -0.6384, 18.1583



103.6670, -11.6678, 9.0620

Rectangle

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



99.6230, 1.6649, -20.7174



100.3050, 10.6956, -23.9465



106.2950, -0.6384, 18.1583



105.1180, -8.9322, 18.3135

Sweetspot

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



99.6230, 1.6649, -20.7174



140.7710, 0.6059, -7.6922



98.9370, -11.3079, -13.0997



71.3800, 0.3057, -4.7183



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



99.6230, 1.6649, -20.7174



127.1870, 2.8658, -32.6130



95.2520, 7.7638, -16.8840



54.0920, 0.4476, -3.5887



80.9280, 5.4585, -70.9739



166.7630, 11.9488, -146.2512

Inverse Universe

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



87.3770, -1.6649, 20.7174



107.9270, -2.4290, 32.5130



91.7480, -7.7638, 16.8840



52.0220, -0.0108, 3.4887



38.9580, -5.8953, 71.0738



80.3510, -11.5120, 146.1512

Previews

White Background



This preview shows how the YUV color 99.6230, 1.6649, -20.7174 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 99.6230, 1.6649, -20.7174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.6230, 1.6649, -20.7174

Background



This preview shows how black text looks on a background with the YUV color 99.6230, 1.6649, -20.7174.



This preview shows how white text looks on a background with the YUV color 99.6230, 1.6649, -20.7174.

-20.7174.

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

99.6230, 1.6649, -20.7174

Protanopia

103.7400, -2.3368, 2.8590

Deuteranopia

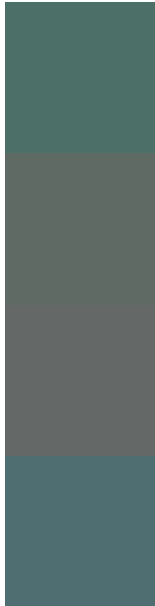
105.0440, -0.0217, 6.9774



Tritanopia

101.0560, 8.3534, -19.3431

Trichromacy



Original Color

99.6230, 1.6649, -20.7174

Protanomaly

102.3260, -1.1467, -5.5479

Deuteranomaly

103.3910, 0.3002, -2.9739

Tritanomaly

100.7740, 6.0274, -19.9728

Monochromacy



Original Color

99.6230, 1.6649, -20.7174

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7710, 0.6059, -7.6922

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6230, 1.6649, -20.7174 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(76, 111, 103)` looks like.

```
.text, #text, p{  
    color:rgb(76, 111, 103)  
}
```

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(76, 111, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 111, 103) }
```

Border

The CSS property to change the border of an element to YUV 99.6230, 1.6649, -20.7174 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(76, 111, 103) }
```


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

```
.border{ border-color:rgb(76, 111, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 111, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 111, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 111, 103);  
box-shadow:4px 4px 4px 4px rgb(76, 111,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 99.6230, 1.6649, -20.7174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 111, 103) }
```

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

```
.background{ background-color: rgb(76, 111,  
103) }
```

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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