

Converting Colors

YUV(167.9580, -23.1503,
5.2988)

Have a look what the booklet for
YUV(167.9580, -23.1503, 5.2988)
contains.

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Color

**YUV(167.9580, -23.1503,
5.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAE79
RGB	174, 174, 121
RGB Percent	68%, 68%, 47%
CMY	0.3176, 0.3176, 0.5255
CMYK	0.00, 0.00, 0.30, 0.32
HSL	60°, 25%, 58%
HSV	60°, 30%, 68%
XYZ	36.0428, 40.6513, 24.0360
YIQ	167.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

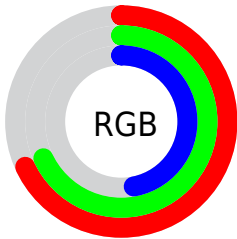
Format	Color
RYB	121, 174, 121
Decimal	11447929
CIELab	69.93, -8.48, 27.28
CIELCh	70, 28.572, 107.275
Yxy	40.6513, 0.3578, 0.4036
Android (android.graphics.Color)	4289638009 (0xFFFAEAE79)
YUV	167.9580, -23.1503, 5.2988
Hunter-Lab	63.7583, -10.6704, 22.2794

Details

The YUV color **167.9580, -23.1503, 5.2988** is a light color, and the websafe version is hex **999966**. A complement of this color would be **127.0420, 23.1503, -5.2988**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0290, -24.1713, 6.1136**, and **116.0010, -21.6925, 4.3841** is the 20% darker color. If you saturate the color by 10%, you get **166.0200, -30.5759, 6.9985**, and if you desaturate by 10%, it is **169.8960, -15.7247, 3.5992**.

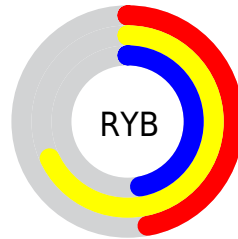
Distribution



Red (68%)

Green (68%)

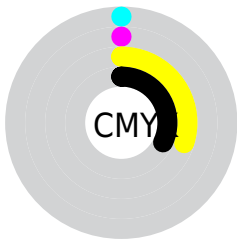
Blue (47%)



Red (47%)

Yellow (68%)

Blue (47%)

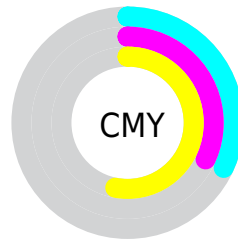


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.9580, -23.1503, 5.2988 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 167.9580, -23.1503, 5.2988 by changing the saturation by 10% instead.

■ 167.9580,
-23.1503, 5.2988

■ 167.9580,
-23.1503, 5.2988

■ 255.0000, 0.0000,
0.0000

■ 141.1860,
-22.2767, 5.0989

■ 223.0290,
-24.1713, 6.1136

■ 116.0010,
-21.6925, 4.3841

■ 248.8440,
-23.5871, 5.3988

■ 90.8160, -21.1083,
3.6694

■ 252.1500,
-10.9200, 2.4994

■ 67.0440, -20.2347,
3.4694

■ 44.5170, -20.9609,
3.0546

■ 25.0850, -12.3669,
-0.0745

■ 0.0000, 0.0000,

0.0000

■ 167.9580,
-23.1503, 5.2988

■ 167.9580,
-23.1503, 5.2988

■ 166.0200,
-30.5759, 6.9985

■ 169.8960,
-15.7247, 3.5992

■ 163.9680,
-38.4382, 8.7981

■ 171.9480, -7.8624,
1.7996

■ 162.0300,
-45.8638, 10.4977

■ 173.8860, -0.4368,
0.1000

■ 159.9780,
-53.7262, 12.2973

■ 175.9380, 7.4256,
-1.6996

■ 158.0400,
-61.1517, 13.9969

■ 177.8760, 14.8511,
-3.3993

■ 156.1020,
-68.5773, 15.6965

■ 179.8140, 22.2767,
-5.0989

■ 154.1640,
-76.0029, 17.3962

■ 181.8660, 30.1391,
-6.8985

■ 183.2340, 35.3806,
-8.0982

Harmonies

Analogous

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



170.1500, -24.2310, 25.3014



167.9580, -23.1503, 5.2988



164.9920, -14.7861, -17.5330

Triad

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



167.9580, -23.1503, 5.2988



159.2390, 24.0392, -57.2146



174.9580, 3.9647, 35.1168

Complementary

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



167.9580, -23.1503, 5.2988



127.0420, 23.1503, -5.2988

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.



174.5240, 15.5177, 16.2035



167.9580, -23.1503, 5.2988



165.5710, 27.3265, -38.2118

Square

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



167.9580, -23.1503, 5.2988



157.4920, 13.5614, -56.5595



171.2370, 24.0402, -10.7318



173.7990, -8.2819, 43.1493

Rectangle

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



167.9580, -23.1503, 5.2988



162.4830, -6.1541, -32.8726



171.2370, 24.0402, -10.7318



174.6630, 8.0541, 30.1135

Sweetspot

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



167.9580, -23.1503, 5.2988



224.7200, -8.7360, 1.9996



136.8470, -7.8126, 32.5832



113.5180, -5.6784, 1.2997



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



167.9580, -23.1503, 5.2988



217.4240, -36.6910, 8.3982



159.8850, -19.1703, -11.3001



85.9740, -3.9312, 0.8998



132.9000, -65.5197, 14.9967



20.3780, -10.0464, 2.2995

Inverse Universe

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



127.0420, 23.1503, -5.2988



152.5760, 36.6910, -8.3982



134.8160, 19.3177, 10.6854



79.0260, 3.9312, -0.8998



17.1000, 65.5197, -14.9967



2.6220, 10.0464, -2.2995

Previews

White Background



This preview shows how the YUV color 167.9580, -23.1503, 5.2988 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 167.9580, -23.1503, 5.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

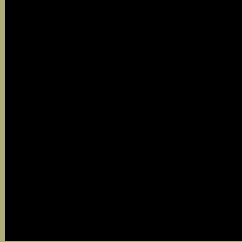
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.9580, -23.1503, 5.2988

Background



This preview shows how black text looks on a background with the YUV color 167.9580, -23.1503, 5.2988.



This preview shows how white text looks on a background with the YUV color 167.9580, -23.1503,

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

167.9580, -23.1503, 5.2988

Protanopia

169.0730, -24.1930, 13.0910

Deuteranopia

170.9870, -23.6576, 28.0754



Tritanopia

172.6680, 3.6147, 7.3072

Trichromacy



Original Color

167.9580, -23.1503, 5.2988

Protanomaly

168.4640, -23.8928, 10.1171

Deuteranomaly

169.9320, -23.6305, 19.3536

Tritanomaly

171.1380, -5.9840, 6.0180

Monochromacy



Original Color

167.9580, -23.1503, 5.2988

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8340, -8.2992, 1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9580, -23.1503, 5.2988 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(174, 174, 121)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 121)  
}
```

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(174, 174, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 121) }
```

Border

The CSS property to change the border of an element to YUV 167.9580, -23.1503, 5.2988 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(174, 174, 121) }
```


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

```
.border{ border-color:rgb(174, 174, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 121);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 167.9580, -23.1503, 5.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 121) }
```

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

```
.background{ background-color: rgb(174,  
174, 121) }
```

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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