

Converting Colors

YUV(163.5920, -4.7289,
-23.3212)

Have a look what the booklet for
YUV(163.5920, -4.7289, -23.3212)
contains.

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Color

**YUV(163.5920, -4.7289,
-23.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	89B39A
RGB	137, 179, 154
RGB Percent	54%, 70%, 60%
CMY	0.4627, 0.2980, 0.3961
CMYK	0.23, 0.00, 0.14, 0.30
HSL	144°, 22%, 62%
HSV	144°, 23%, 70%
XYZ	32.2694, 39.8917, 36.5709
YIQ	163.5920, -17.0070, -16.6790

Conversions

Conversions Part 2

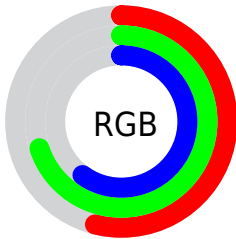
Format	Color
RYB	137, 167, 179
Decimal	9024410
CIELab	69.39, -19.26, 8.20
CIELCh	69, 20.936, 156.928
Yxy	39.8917, 0.2968, 0.3669
Android (android.graphics.Color)	4287214490 (0xFF89B39A)
YUV	163.5920, -4.7289, -23.3212
Hunter-Lab	63.1598, -19.3313, 9.8817

Details

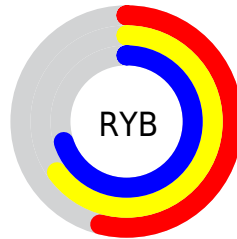
The YUV color **163.5920, -4.7289, -23.3212** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **152.4080, 4.7289, 23.3212**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7660, -5.3076, -24.3508**, and **111.4180, -4.1501, -22.2916** is the 20% darker color. If you saturate the color by 10%, you get **156.9560, -6.8803, -33.2874**, and if you desaturate by 10%, it is **170.2280, -2.5774, -13.3550**.

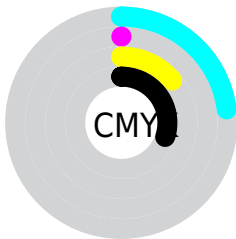
Distribution



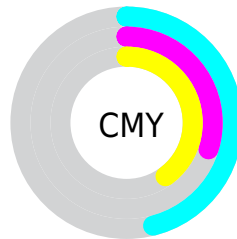
- Red (54%)
- Green (70%)
- Blue (60%)



- Red (54%)
- Yellow (65%)
- Blue (70%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)



- Cyan (46%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5920, -4.7289, -23.3212 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 163.5920, -4.7289, -23.3212 by changing the saturation by 10% instead.

■ 163.5920, -4.7289,
-23.3212

■ 163.5920, -4.7289,
-23.3212

255.0000, 0.0000,
0.0000

■ 137.0050, -4.4395,
-22.8064

■ 218.7660, -5.3076,
-24.3508

■ 111.4180, -4.1501,
-22.2916

■ 242.1840, -2.5557,
-20.3324

■ 86.8310, -3.8607,
-21.7768

■ 252.9070, 1.0318,
-4.3034

■ 62.9450, -3.4239,
-21.8768

■ 40.1730, -2.5503,
-22.0767

■ 20.8530, -3.8715,
-18.2881

■ 0.0000, 0.0000,

0.0000

■ 163.5920, -4.7289,
-23.3212

■ 163.5920, -4.7289,
-23.3212

■ 156.9560, -6.8803,
-33.2874

■ 170.2280, -2.5774,
-13.3550

■ 150.4340, -8.5950,
-43.3536

■ 176.7500, -0.8627,
-3.2887

■ 143.7980,
-10.7464, -53.3198

■ 183.3860, 1.2887,
6.6775

■ 137.1620,
-12.8979, -63.2861

■ 190.0220, 3.4402,
16.6437

■ 130.9390,
-14.7599, -72.7375

■ 196.5440, 5.1548,
26.7099

■ 124.3030,
-16.9114, -82.7037

■ 202.8810, 7.4537,
36.0614

■ 117.6670,
-19.0628, -92.6700

■ 207.4240, 10.6370,
41.7242

■ 113.2810,
-20.3515, -99.3474

■ 208.5640, 15.0049,
40.7244

■ 209.8180, 19.8097,
39.6246

Harmonies

Analogous

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



165.8130, -13.2188, -6.8520



163.5920, -4.7289, -23.3212



161.5610, 5.6394, -35.5720

Triad

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



163.5920, -4.7289, -23.3212



169.1350, 18.6674, -14.1504



171.5110, -11.5909, 31.1239

Complementary

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



163.5920, -4.7289, -23.3212



152.4080, 4.7289, 23.3212

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.



172.6880, -3.2972, 30.9686



163.5920, -4.7289, -23.3212



171.7030, 13.9504, 5.5225

Square

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



163.5920, -4.7289, -23.3212



164.8510, 19.3005, -30.5643



173.0380, 5.8973, 21.8917



169.9740, -17.2422, 23.7018

Rectangle

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



163.5920, -4.7289, -23.3212



161.8470, 11.9074, -39.3308



173.0380, 5.8973, 21.8917



172.0920, -9.4124, 32.3683

Sweetspot

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



163.5920, -4.7289, -23.3212



226.0760, -2.0095, -8.8367



169.1290, -15.8396, -6.2521



113.7390, -0.8573, -5.0331



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



163.5920, -4.7289, -23.3212



208.1190, -7.4537, -36.0614



165.9860, 4.4439, -25.4207



85.7390, -0.8573, -5.0331



96.8790, -17.1953, -84.9629



16.4020, -3.1562, -14.3846

Inverse Universe

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



152.4080, 4.7289, 23.3212



190.8810, 7.4537, 36.0614



150.0140, -4.4439, 25.4207



83.3750, 1.2941, 4.9331



56.1210, 17.1953, 84.9629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 163.5920, -4.7289, -23.3212 looks on a white background.

Color Contrast Check

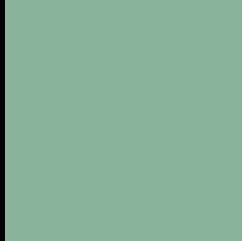
Large Text (above 18pt) WCAG AA × Fail

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 163.5920, -4.7289, -23.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

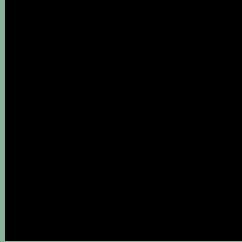
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

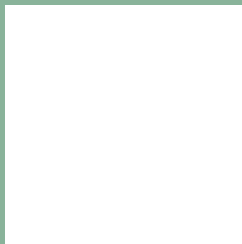
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.5920, -4.7289, -23.3212

Background



This preview shows how black text looks on a background with the YUV color 163.5920, -4.7289, -23.3212.



This preview shows how white text looks on a background with the YUV color 163.5920, -4.7289, -23.3212.

-23.3212.

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

163.5920, -4.7289, -23.3212

Protanopia

168.5250, -9.6258, 7.4326

Deuteranopia

170.3890, -6.6008, 17.1988



Tritanopia

166.3270, 10.6848, -20.4578

Trichromacy



Original Color

163.5920, -4.7289, -23.3212

Protanomaly

166.6160, -7.6987, -4.0482

Deuteranomaly

168.1160, -5.9732, 2.5293

Tritanomaly

165.5350, 5.1592, -21.5172

Monochromacy



Original Color

163.5920, -4.7289, -23.3212

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.4890, -1.7201, -8.3219

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5920, -4.7289, -23.3212 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(137, 179, 154)` looks like.

```
.text, #text, p{  
    color:rgb(137, 179, 154)  
}
```

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(137, 179, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 179, 154) }
```

Border

The CSS property to change the border of an element to YUV 163.5920, -4.7289, -23.3212 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(137, 179, 154) }
```


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

```
.border{ border-color:rgb(137, 179, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 179, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 179, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 179, 154);  
box-shadow:4px 4px 4px 4px rgb(137, 179,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 163.5920, -4.7289, -23.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 179, 154) }
```

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

```
.background{ background-color: rgb(137,  
179, 154) }
```

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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