

Converting Colors

YUV(163.4950, -7.6390,
-23.2361)

Have a look what the booklet for
YUV(163.4950, -7.6390, -23.2361)
contains.

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Color

**YUV(163.4950, -7.6390,
-23.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	89B494
RGB	137, 180, 148
RGB Percent	54%, 71%, 58%
CMY	0.4627, 0.2941, 0.4196
CMYK	0.24, 0.00, 0.18, 0.29
HSL	135°, 22%, 62%
HSV	135°, 24%, 71%
XYZ	31.9831, 40.0990, 34.0712
YIQ	163.4950, -15.3560, -19.0680

Conversions

Conversions Part 2

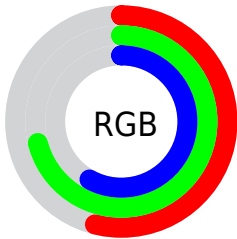
Format	Color
RYB	137, 171, 180
Decimal	9024660
CIELab	69.54, -20.93, 11.70
CIELCh	70, 23.981, 150.794
Yxy	40.0990, 0.3013, 0.3777
Android (android.graphics.Color)	4287214740 (0xFF89B494)
YUV	163.4950, -7.6390, -23.2361
Hunter-Lab	63.3238, -20.6612, 12.4258

Details

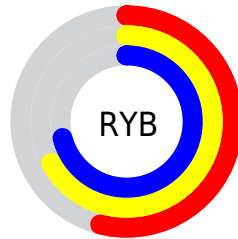
The YUV color **163.4950, -7.6390, -23.2361** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.5050, 7.6390, 23.2361**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6690, -8.2178, -24.2657**, and **111.3210, -7.0603, -22.2065** is the 20% darker color. If you saturate the color by 10%, you get **156.6310, -10.6641, -33.0024**, and if you desaturate by 10%, it is **170.3590, -4.6140, -13.4698**.

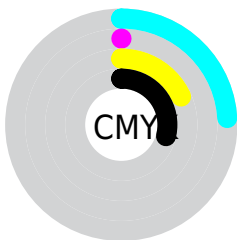
Distribution



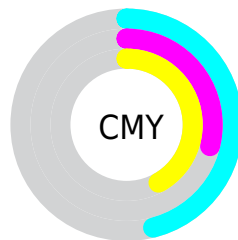
- Red (54%)
- Green (71%)
- Blue (58%)



- Red (54%)
- Yellow (67%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)



- Cyan (46%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.4950, -7.6390, -23.2361 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 163.4950, -7.6390, -23.2361 by changing the saturation by 10% instead.

 163.4950, -7.6390,
-23.2361

 163.4950, -7.6390,
-23.2361


255.0000, 0.0000,
0.0000


 136.9080, -7.3496,
-22.7213


 218.6690, -8.2178,
-24.2657


 111.3210, -7.0603,
-22.2065


 241.3860, -5.6133,
-19.6325

 86.7340, -6.7709,
-21.6917

 252.9070, 1.0318,
-4.3034

 62.9620, -5.8973,
-21.8917

 39.8910, -4.8763,
-22.7064

 19.9410, -7.3659,
-17.4883

 0.0000, 0.0000,

0.0000

■ 163.4950, -7.6390,
-23.2361

■ 163.4950, -7.6390,
-23.2361

■ 156.6310,
-10.6641, -33.0024

■ 170.3590, -4.6140,
-13.4698

■ 149.6530,
-14.1259, -42.6687

■ 177.3370, -1.1521,
-3.8035

■ 142.7890,
-17.1510, -52.4350

■ 184.2010, 1.8729,
5.9627

■ 135.8110,
-20.6128, -62.1012

■ 191.1790, 5.3348,
15.6290

■ 128.9470,
-23.6379, -71.8675

■ 198.0430, 8.3598,
25.3953

■ 122.0830,
-26.6629, -81.6338

■ 204.9070, 11.3848,
35.1616

■ 115.1050,
-30.1248, -91.3001

■ 209.4930, 16.0260,
39.9096

■ 110.9040,
-31.9977, -97.2628

■ 210.9750, 21.7043,
38.6099

Harmonies

Analogous

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



166.2110, -16.8660, -3.6930



163.4950, -7.6390, -23.2361



160.8980, 4.4873, -39.3755

Triad

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



163.4950, -7.6390, -23.2361



168.3020, 22.0361, -21.3129



172.5440, -11.6072, 36.3569

Complementary

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



163.4950, -7.6390, -23.2361



153.5050, 7.6390, 23.2361

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.



173.1660, -1.5608, 34.0574



163.4950, -7.6390, -23.2361



171.8920, 17.3082, 1.8487

Square

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



163.4950, -7.6390, -23.2361



163.3660, 21.5116, -39.7860



173.1350, 8.8074, 21.8066



170.6650, -18.5688, 29.2348

Rectangle

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



163.4950, -7.6390, -23.2361



160.1020, 11.7817, -45.6935



173.1350, 8.8074, 21.8066



172.6410, -8.6970, 36.2718

Sweetspot

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



163.4950, -7.6390, -23.2361



228.4350, -3.1725, -9.1515



171.8090, -17.1608, -2.4635



113.5110, -1.7309, -4.8331



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.



163.4950, -7.6390, -23.2361



208.8540, -12.2530, -36.7060



165.8890, 1.5337, -25.3357



85.6250, -1.2941, -4.9331



94.2570, -27.2417, -82.6634



16.0600, -4.4666, -14.0846

Inverse Universe

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



153.5050, 7.6390, 23.2361



193.0320, 11.8162, 36.8059



151.1110, -1.5337, 25.3357



83.4890, 1.7309, 4.8331



58.7430, 27.2417, 82.6634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 163.4950, -7.6390, -23.2361 looks on a white background.

Color Contrast Check

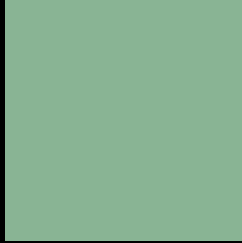
Large Text (above 18pt) WCAG AA × Fail

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 163.4950, -7.6390, -23.2361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

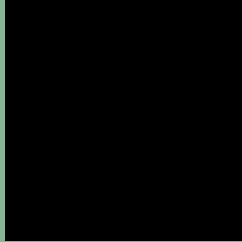
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

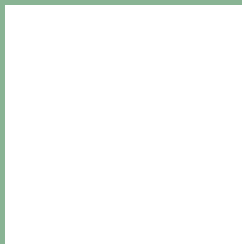
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.4950, -7.6390, -23.2361

Background



This preview shows how black text looks on a background with the YUV color 163.4950, -7.6390, -23.2361.



This preview shows how white text looks on a background with the YUV color 163.4950, -7.6390,

-23.2361.

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

163.4950, -7.6390, -23.2361

Protanopia

168.6130, -13.1202, 8.2324

Deuteranopia

170.3030, -9.5164, 19.0283



Tritanopia

166.6260, 10.5374, -19.8430

Trichromacy



Original Color

163.4950, -7.6390, -23.2361

Protanomaly

166.7040, -11.1931, -3.2484

Deuteranomaly

167.7310, -8.7414, 3.7439

Tritanomaly

165.1930, 3.8489, -21.2173

Monochromacy



Original Color

163.4950, -7.6390, -23.2361

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.2610, -2.5937, -8.1219

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4950, -7.6390, -23.2361 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, 180, 148)` looks like.

```
.text, #text, p{  
    color:rgb(137, 180, 148)  
}
```

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, 180, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 180, 148) }
```

Border

The CSS property to change the border of an element to YUV 163.4950, -7.6390, -23.2361 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, 180, 148) }
```


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

```
.border{ border-color:rgb(137, 180, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 180, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 180, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 180, 148);  
box-shadow:4px 4px 4px 4px rgb(137, 180,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 163.4950, -7.6390, -23.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 180, 148) }
```

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

```
.background{ background-color: rgb(137,  
180, 148) }
```

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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