

Converting Colors

YUV(163.9430, -23.6359,
21.0980)

Have a look what the booklet for
YUV(163.9430, -23.6359, 21.0980)
contains.

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Color

**YUV(163.9430, -23.6359,
21.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA174
RGB	188, 161, 116
RGB Percent	74%, 63%, 45%
CMY	0.2627, 0.3686, 0.5451
CMYK	0.00, 0.14, 0.38, 0.26
HSL	37°, 35%, 60%
HSV	37°, 38%, 74%
XYZ	36.6363, 37.4421, 21.8191
YIQ	163.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

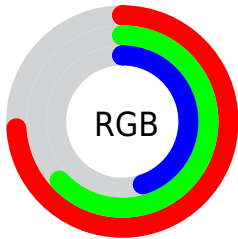
Format	Color
RYB	159, 188, 116
Decimal	12362100
CIELab	67.61, 3.51, 27.11
CIELCh	68, 27.340, 82.633
Yxy	37.4421, 0.3820, 0.3904
Android (android.graphics.Color)	4290552180 (0xFFBCA174)
YUV	163.9430, -23.6359, 21.0980
Hunter-Lab	61.1899, -0.2089, 21.6913

Details

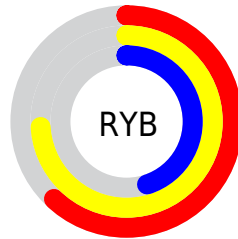
The YUV color **163.9430, -23.6359, 21.0980** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **140.0570, 23.6359, -21.0980**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1990, -25.2411, 22.6275**, and **111.9750, -22.1727, 18.4389** is the 20% darker color. If you saturate the color by 10%, you get **157.6680, -29.9093, 26.6012**, and if you desaturate by 10%, it is **170.2180, -17.3625, 15.5948**.

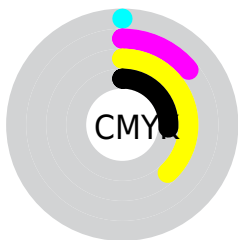
Distribution



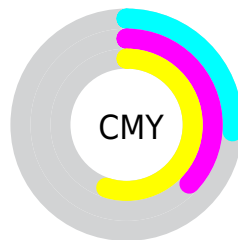
- Red (74%)
- Green (63%)
- Blue (45%)



- Red (62%)
- Yellow (74%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (26%)



- Cyan (26%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9430, -23.6359, 21.0980 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 163.9430, -23.6359, 21.0980 by changing the saturation by 10% instead.

■ 163.9430,
-23.6359, 21.0980

■ 163.9430,
-23.6359, 21.0980

255.0000, 0.0000,
0.0000

■ 137.4590,
-22.9043, 19.7685

■ 219.1990,
-25.2411, 22.6275

■ 111.9750,
-22.1727, 18.4389

■ 241.8170,
-22.5878, 11.5615

■ 86.9040, -21.1517,
17.6242

■ 251.4660,
-13.5407, 3.0993

■ 63.4200, -20.4201,
16.2947

254.7720, -0.8736,
0.2000

■ 40.8220, -20.1252,
15.0651

■ 21.9060, -10.7997,
10.6064

■ 0.0000, 0.0000,

0.0000

■ 163.9430,
-23.6359, 21.0980

■ 163.9430,
-23.6359, 21.0980

■ 157.6680,
-29.9093, 26.6012

■ 170.2180,
-17.3625, 15.5948

■ 151.3930,
-36.1827, 32.1043

■ 176.4930,
-11.0890, 10.0916

■ 145.2320,
-42.0194, 37.5075

■ 182.6540, -5.2524,
4.6884

■ 138.9570,
-48.2928, 43.0107

■ 188.9290, 1.0210,
-0.8147

■ 132.6820,
-54.5662, 48.5139

■ 195.2040, 7.2944,
-6.3179

■ 126.4070,
-60.8397, 54.0171

■ 201.4790, 13.5679,
-11.8211

■ 124.8910,
-61.5713, 55.3466

■ 207.7540, 19.8413,
-17.3243

■ 212.6610, 20.8731,
-21.6277

■ 216.7700, 18.8474,
-25.2313

Harmonies

Analogous

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



165.7690, -19.6061, 35.2826



163.9430, -23.6359, 21.0980



161.5060, -20.9555, 1.3102

Triad

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



163.9430, -23.6359, 21.0980



151.9590, 15.3032, -55.2150



168.2640, 13.1808, 19.0625

Complementary

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



163.9430, -23.6359, 21.0980



140.0570, 23.6359, -21.0980

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.



165.7000, 21.8399, -4.9989



163.9430, -23.6359, 21.0980



154.5710, 23.8755, -51.3668

Square

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



163.9430, -23.6359, 21.0980



154.3770, 1.2931, -41.5496



160.8600, 25.7050, -31.4492



168.3880, 1.7807, 35.6167

Rectangle

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



163.9430, -23.6359, 21.0980



159.1990, -15.3811, -13.3295



160.8600, 25.7050, -31.4492



168.0180, 16.2601, 11.3852

Sweetspot

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



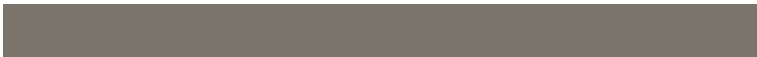
163.9430, -23.6359, 21.0980



236.0520, -8.8996, 7.8474



140.7200, 1.6170, 41.4646



116.6540, -5.2524, 4.6884



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.



163.9430, -23.6359, 21.0980



207.4640, -37.2038, 32.9191



177.4000, -30.2702, 2.2802



91.2130, -3.0630, 2.4442



105.3550, -51.9400, 46.1697



20.4220, -10.0680, 9.2769

Inverse Universe

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



140.0570, 23.6359, -21.0980



169.5360, 37.2038, -32.9191



126.6000, 30.2702, -2.2802



87.7870, 3.0630, -2.4442



52.6450, 51.9400, -46.1697



9.9910, 10.3574, -8.7621

Previews

White Background



This preview shows how the YUV color 163.9430, -23.6359, 21.0980 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 163.9430, -23.6359, 21.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

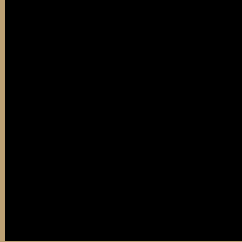
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.9430, -23.6359, 21.0980

Background



This preview shows how black text looks on a background with the YUV color 163.9430, -23.6359, 21.0980.



This preview shows how white text looks on a background with the YUV color 163.9430, -23.6359,

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

163.9430, -23.6359, 21.0980

Protanopia

163.5290, -22.4458, 12.6911

Deuteranopia

164.6880, -23.5102, 27.4606



Tritanopia

167.0290, -0.5073, 22.7766

Trichromacy



Original Color

163.9430, -23.6359, 21.0980

Protanomaly

164.0240, -23.1828, 15.7650

Deuteranomaly

164.3780, -23.3574, 25.1015

Tritanomaly

166.1400, -8.9430, 21.8022

Monochromacy



Original Color

163.9430, -23.6359, 21.0980

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1660, -8.4628, 7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9430, -23.6359, 21.0980 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(188, 161, 116)` looks like.

```
.text, #text, p{  
    color:rgb(188, 161, 116)  
}
```

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(188, 161, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 161, 116) }
```

Border

The CSS property to change the border of an element to YUV 163.9430, -23.6359, 21.0980 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(188, 161, 116) }
```


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

```
.border{ border-color:rgb(188, 161, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 161, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 161, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 161, 116);  
box-shadow:4px 4px 4px 4px rgb(188, 161,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 163.9430, -23.6359, 21.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 161, 116) }
```

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

```
.background{ background-color: rgb(188,  
161, 116) }
```

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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