

Converting Colors

YUV(203.9430, -23.6359,
21.0980)

Have a look what the booklet for
YUV(203.9430, -23.6359, 21.0980)
contains.

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Color

**YUV(203.9430, -23.6359,
21.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C99C
RGB	228, 201, 156
RGB Percent	89%, 79%, 61%
CMY	0.1059, 0.2118, 0.3882
CMYK	0.00, 0.12, 0.32, 0.11
HSL	37°, 57%, 75%
HSV	37°, 32%, 89%
XYZ	58.8823, 60.6676, 40.0591
YIQ	203.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

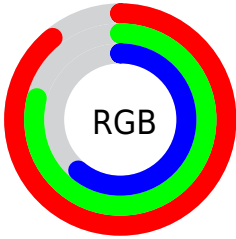
Format	Color
RYB	199, 228, 156
Decimal	14993820
CIELab	82.20, 2.96, 26.00
CIElCh	82, 26.168, 83.498
Yxy	60.6676, 0.3689, 0.3801
Android (android.graphics.Color)	4293183900 (0xFFE4C99C)
YUV	203.9430, -23.6359, 21.0980
Hunter-Lab	77.8894, -1.3652, 24.0293

Details

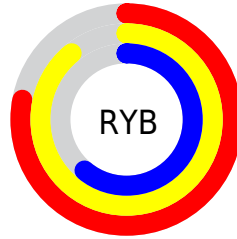
The YUV color $203.9430, -23.6359, 21.0980$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $180.0570, 23.6359, -21.0980$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9840, -19.2191, 4.3990$, and $149.5730, -22.4675, 19.6685$ is the 20% darker color. If you saturate the color by 10%, you get $196.0380, -31.0777, 28.0307$, and if you desaturate by 10%, it is $211.8480, -16.1941, 14.1653$.

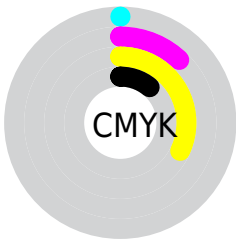
Distribution



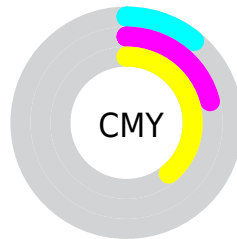
- Red (89%)
- Green (79%)
- Blue (61%)



- Red (78%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.9430, -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 203.9430, -23.6359, 21.0980 by changing the saturation by 10% instead.

■ 203.9430,
-23.6359, 21.0980

■ 203.9430,
-23.6359, 21.0980

■ 255.0000, 0.0000,
0.0000

■ 176.4590,
-22.9043, 19.7685

■ 249.9840,
-19.2191, 4.3990

■ 149.5730,
-22.4675, 19.6685

■ 253.1760, -6.9888,
1.5996

■ 123.2030,
-21.2991, 18.2390

■ 98.7190, -20.5675,
16.9094

■ 74.2350, -19.8359,
15.5799

■ 51.3380, -19.3936,
13.7356

■ 30.7660, -15.1676,

11.6062

■ 8.3170, -4.1003,
8.4920

■ 0.0000, 0.0000,
0.0000

■ 203.9430,
-23.6359, 21.0980

■ 203.9430,
-23.6359, 21.0980

■ 196.0380,
-31.0777, 28.0307

■ 211.8480,
-16.1941, 14.1653

■ 188.7200,
-38.8090, 34.4486

■ 219.1660, -8.4628,
7.7474

■ 180.9290,
-45.8140, 41.2813

■ 226.9570, -1.4578,
0.9147

■ 173.6110,
-53.5452, 47.6992

■ 234.2750, 6.2734,
-5.5032

■ 165.7060,
-60.9871, 54.6318

■ 240.4700, 7.1633,
-10.9362

■ 158.3880,
-68.7183, 61.0497

■ 245.1660, 4.8482,
-15.0546

■ 151.5260,
-74.7023, 67.0677

■ 246.9270, 3.9800,
-16.5990

Harmonies

Analogous

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



206.0680, -19.7535, 35.8974



203.9430, -23.6359, 21.0980



201.2070, -20.8081, 0.6955

Triad

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



203.9430, -23.6359, 21.0980



193.7530, 14.4188, -51.5264



208.4490, 12.5966, 19.7772

Complementary

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



203.9430, -23.6359, 21.0980



180.0570, 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.



206.1840, 21.1083, -3.6694



203.9430, -23.6359, 21.0980



196.3650, 22.9911, -47.6781

Square

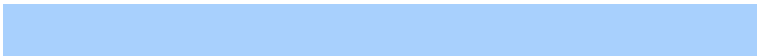
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.9430, -23.6359, 21.0980



195.0890, 1.4351, -40.4201



201.1700, 25.5522, -29.0901



208.5730, 1.1965, 36.3315

Rectangle

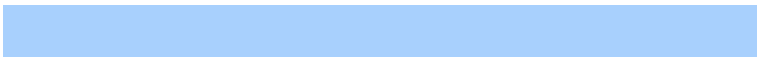
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203.9430, -23.6359, 21.0980



199.1990, -15.3811, -13.3295



201.1700, 25.5522, -29.0901



208.2030, 15.6759, 12.1000

Sweetspot

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



203.9430, -23.6359, 21.0980



247.0950, -7.4418, 6.9327



180.7200, 1.6170, 41.4646



122.7680, -4.8156, 4.5885



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



203.9430, -23.6359, 21.0980



222.8100, -31.9513, 28.2306



217.4000, -30.2702, 2.2802



110.6970, -3.7946, 3.7737



119.2650, -58.7976, 52.3876



34.0330, -16.7783, 14.8801

Inverse Universe

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



180.0570, 23.6359, -21.0980



190.1900, 31.9513, -28.2306



166.6000, 30.2702, -2.2802



107.3030, 3.7946, -3.7737



59.7350, 58.7976, -52.3876



16.9670, 16.7783, -14.8801

Previews

White Background



This preview shows how the YUV color 203.9430, -23.6359, 21.0980 looks on a white background.

Color Contrast Check

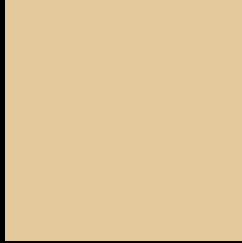
Large Text (above 18pt) WCAG AA × Fail

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 203.9430, -23.6359, 21.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

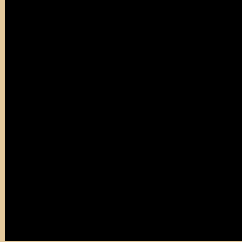
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.9430, -23.6359, 21.0980

Background



This preview shows how black text looks on a background with the YUV color 203.9430, -23.6359, 21.0980.



This preview shows how white text looks on a background with the YUV color 203.9430, -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

203.9430, -23.6359, 21.0980

Protanopia

202.8280, -22.5932, 13.3058

Deuteranopia

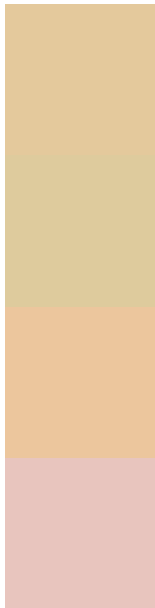
204.7100, -23.5210, 30.9493



Tritanopia

207.6700, 0.6557, 23.0914

Trichromacy



Original Color

203.9430, -23.6359, 21.0980

Protanomaly

203.4370, -22.8934, 16.2798

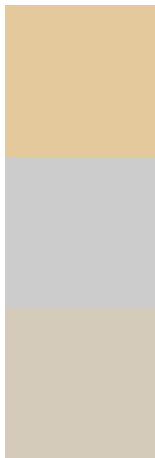
Deuteranomaly

204.6880, -23.5102, 27.4606

Tritanomaly

206.6670, -8.2168, 22.2170

Monochromacy



Original Color

203.9430, -23.6359, 21.0980

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1660, -8.4628, 7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9430, -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(228, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 156)  
}
```

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(228, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 156) }
```

Border

The CSS property to change the border of an element to YUV 203.9430, -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(228, 201, 156) }
```


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

```
.border{ border-color:rgb(228, 201, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 201, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(228, 201,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 203.9430, -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(228, 201, 156) }
```

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

```
.background{ background-color: rgb(228,  
201, 156) }
```

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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