

Converting Colors

YUV(198.9580, -23.1503,
5.2988)

Have a look what the booklet for
YUV(198.9580, -23.1503, 5.2988)
contains.

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Color

**YUV(198.9580, -23.1503,
5.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCD98
RGB	205, 205, 152
RGB Percent	80%, 80%, 60%
CMY	0.1961, 0.1961, 0.4039
CMYK	0.00, 0.00, 0.26, 0.20
HSL	60°, 35%, 70%
HSV	60°, 26%, 80%
XYZ	52.6757, 58.9088, 38.3000
YIQ	198.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

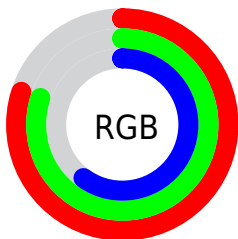
Format	Color
RYB	152, 205, 152
Decimal	13487512
CIELab	81.24, -8.44, 26.48
CIELCh	81, 27.790, 107.684
Yxy	58.9088, 0.3514, 0.3930
Android (android.graphics.Color)	4291677592 (0xFFCDCD98)
YUV	198.9580, -23.1503, 5.2988
Hunter-Lab	76.7521, -11.8099, 24.1402

Details

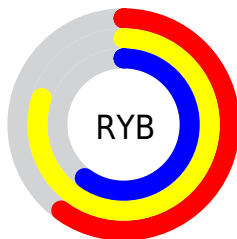
The YUV color **198.9580, -23.1503, 5.2988** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158.0420, 23.1503, -5.2988**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.5280, -20.9663, 4.7989**, and **145.0010, -21.6925, 4.3841** is the 20% darker color. If you saturate the color by 10%, you get **196.6780, -31.8863, 7.2984**, and if you desaturate by 10%, it is **201.3520, -13.9775, 3.1993**.

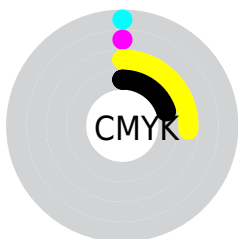
Distribution



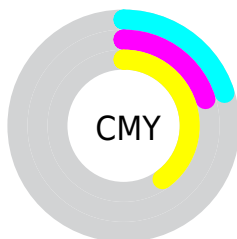
- Red (80%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.9580, -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 198.9580, -23.1503, 5.2988 by changing the saturation by 10% instead.

■ 198.9580,
-23.1503, 5.2988

■ 198.9580,
-23.1503, 5.2988

255.0000, 0.0000,
0.0000

■ 171.7730,
-22.5661, 4.5841

■ 249.5280,
-20.9663, 4.7989

■ 145.0010,
-21.6925, 4.3841

■ 252.7200, -8.7360,
1.9996

■ 119.1150,
-21.2557, 4.2841

■ 94.0440, -20.2347,
3.4694

■ 70.1580, -19.7979,
3.3694

■ 47.4460, -19.9399,
2.2399

■ 27.4550, -13.5353,

1.3550

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 198.9580,
-23.1503, 5.2988

■ 198.9580,
-23.1503, 5.2988

■ 196.6780,
-31.8863, 7.2984

■ 201.3520,
-13.9775, 3.1993

■ 194.2840,
-41.0590, 9.3979

■ 203.6320, -5.2416,
1.1997

■ 191.8900,
-50.2318, 11.4975

■ 206.0260, 3.9312,
-0.8998

■ 189.6100,
-58.9677, 13.4970

■ 208.3060, 12.6671,
-2.8994

■ 187.3300,
-67.7037, 15.4966

■ 210.7000, 21.8399,
-4.9989

■ 184.9360,
-76.8764, 17.5961

■ 182.5420,
-86.0492, 19.6957

■ 181.6300,
-89.5436, 20.4955

Harmonies

Analogous

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



201.3350, -24.8152, 26.0162



198.9580, -23.1503, 5.2988



195.6930, -14.6386, -18.1478

Triad

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



198.9580, -23.1503, 5.2988



191.7340, 23.3021, -54.1407



206.2570, 3.8173, 35.7316

Complementary

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



198.9580, -23.1503, 5.2988



158.0420, 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.



205.8230, 15.3703, 16.8182



198.9580, -23.1503, 5.2988



196.8810, 27.1737, -35.8526

Square

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



198.9580, -23.1503, 5.2988



189.8020, 13.4086, -54.2004



202.8350, 23.7453, -9.5023



204.9840, -8.8661, 43.8640

Rectangle

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



198.9580, -23.1503, 5.2988



193.4830, -6.1541, -32.8726



202.8350, 23.7453, -9.5023



206.5490, 7.6173, 30.2135

Sweetspot

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



198.9580, -23.1503, 5.2988



252.7200, -8.7360, 1.9996



167.8470, -7.8126, 32.5832



126.5180, -5.6784, 1.2997



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.



198.9580, -23.1503, 5.2988



245.9940, -34.5070, 7.8983



191.1840, -19.3177, -10.6854



100.8600, -4.3680, 0.9998



147.0760, -72.5085, 16.5963



33.6680, -16.5983, 3.7992

Inverse Universe

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



158.0420, 23.1503, -5.2988



185.0060, 34.5070, -7.8983



166.1150, 19.1703, 11.3001



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Previews

White Background



This preview shows how the YUV color 198.9580, -23.1503, 5.2988 looks on a white background.

Color Contrast Check

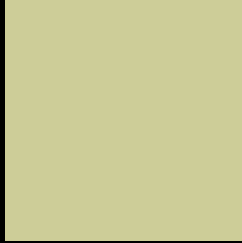
Large Text (above 18pt) WCAG AA × Fail

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 198.9580, -23.1503, 5.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

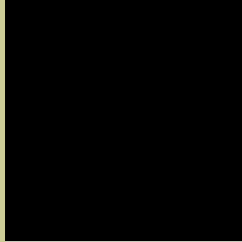
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

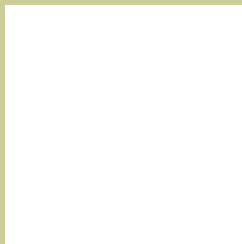
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.9580, -23.1503, 5.2988

Background



This preview shows how black text looks on a background with the YUV color 198.9580, -23.1503, 5.2988.



This preview shows how white text looks on a background with the YUV color 198.9580, -23.1503, 5.2988.

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

198.9580, -23.1503, 5.2988

Protanopia

199.6710, -24.4878, 14.3205

Deuteranopia

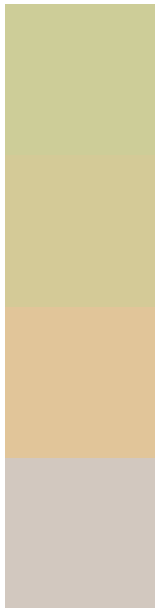
201.7100, -23.5210, 30.9493



Tritanopia

203.6080, 4.6303, 8.2368

Trichromacy



Original Color

198.9580, -23.1503, 5.2988

Protanomaly

199.1760, -23.7508, 11.2466

Deuteranomaly

200.3560, -23.3465, 21.6128

Tritanomaly

201.9640, -5.4053, 7.0476

Monochromacy



Original Color

198.9580, -23.1503, 5.2988

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8340, -8.2992, 1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.9580, -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(205, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 152)  
}
```

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(205, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 152) }
```

Border

The CSS property to change the border of an element to YUV 198.9580, -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(205, 205, 152) }
```


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

```
.border{ border-color:rgb(205, 205, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 198.9580, -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(205, 205, 152) }
```

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

```
.background{ background-color: rgb(205,  
205, 152) }
```

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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