

Converting Colors

YUV(193.1030, -23.2218,
-18.5073)

Have a look what the booklet for
YUV(193.1030, -23.2218, -18.5073)
contains.

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Color

**YUV(193.1030, -23.2218,
-18.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD592
RGB	172, 213, 146
RGB Percent	67%, 84%, 57%
CMY	0.3255, 0.1647, 0.4275
CMYK	0.19, 0.00, 0.31, 0.16
HSL	97°, 44%, 70%
HSV	97°, 31%, 84%
XYZ	45.9958, 58.4345, 36.0489
YIQ	193.1030, -2.9290, -29.5290

Conversions

Conversions Part 2

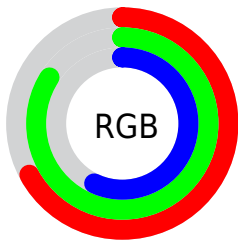
Format	Color
RYB	146, 213, 187
Decimal	11326866
CIELab	80.98, -25.46, 28.85
CIELCh	81, 38.479, 131.436
Yxy	58.4345, 0.3274, 0.4160
Android (android.graphics.Color)	4289516946 (0xFFACD592)
YUV	193.1030, -23.2218, -18.5073
Hunter-Lab	76.4424, -26.3699, 25.5496

Details

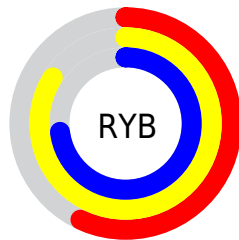
The YUV color **193.1030, -23.2218, -18.5073** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **165.8970, 23.2218, 18.5073**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6570, -20.0439, -11.1002**, and **139.1570, -21.7694, -17.6777** is the 20% darker color. If you saturate the color by 10%, you get **186.8220, -30.4782, -24.3999**, and if you desaturate by 10%, it is **199.3840, -15.9653, -12.6148**.

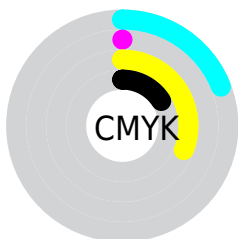
Distribution



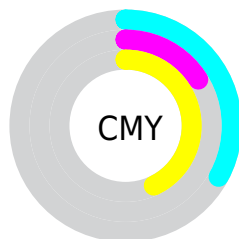
- Red (67%)
- Green (84%)
- Blue (57%)



- Red (57%)
- Yellow (84%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1030, -23.2218, -18.5073 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 193.1030, -23.2218, -18.5073 by changing the saturation by 10% instead.

■ 193.1030,
-23.2218, -18.5073

■ 193.1030,
-23.2218, -18.5073

255.0000, 0.0000,
0.0000

■ 165.6300,
-22.4956, -18.0925

■ 240.6570,
-20.0439, -11.1002

■ 139.1570,
-21.7694, -17.6777

■ 252.0360,
-11.3567, 2.5994

■ 113.2710,
-21.3326, -17.7777

■ 88.4990, -20.4590,
-17.9776

■ 64.0260, -19.7328,
-17.5628

■ 40.6130, -20.0222,
-18.0776

■ 21.7190, -10.7075,

-19.0476

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 193.1030,
-23.2218, -18.5073

■ 193.1030,
-23.2218, -18.5073

■ 186.8220,
-30.4782, -24.3999

■ 199.3840,
-15.9653, -12.6148

■ 180.4270,
-38.1715, -30.1925

■ 205.7790, -8.2720,
-6.8222

■ 174.1460,
-45.4280, -36.0850

■ 212.0600, -1.0156,
-0.9296

■ 167.8650,
-52.6844, -41.9776

■ 218.3410, 6.2409,
4.9629

■ 161.5840,
-59.9409, -47.8702

■ 224.6220, 13.4974,
10.8555

■ 155.1890,
-67.6342, -53.6628

■ 228.8510, 12.8915,
18.5477

■ 149.8480,
-73.8751, -58.6257

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

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



197.3690, -33.2129, 12.8314



193.1030, -23.2218, -18.5073



187.3020, -5.0789, -51.1309

Triad

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



193.1030, -23.2218, -18.5073



187.6110, 33.2228, -62.8028



199.8150, -5.8248, 48.3972

Complementary

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



193.1030, -23.2218, -18.5073



165.8970, 23.2218, 18.5073

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.



205.7940, 9.4686, 43.1537



193.1030, -23.2218, -18.5073



198.1970, 28.0039, -22.0978

Square

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



193.1030, -23.2218, -18.5073



178.3640, 34.3305, -91.5272



205.5160, 24.3956, 15.3335



199.5750, -21.9755, 48.6077

Rectangle

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



193.1030, -23.2218, -18.5073



182.6550, 9.5371, -72.4884



205.5160, 24.3956, 15.3335



201.2970, -0.1464, 47.0975

Sweetspot

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



193.1030, -23.2218, -18.5073



248.1920, -7.9827, -6.3074



189.5130, -21.4519, 20.5981



123.5990, -5.2253, -4.0333



0.0000, 0.0000, 0.0000



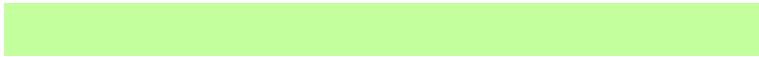
128.0000, 0.0000, 0.0000

Same Dimension

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



193.1030, -23.2218, -18.5073



226.3010, -33.6724, -26.5740



186.1270, -16.3316, -35.1914



103.9520, -3.9203, -2.5889



120.1110, -59.2147, -47.4553



30.3240, -14.9497, -11.6851

Inverse Universe

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



165.8970, 23.2218, 18.5073



186.6990, 33.6724, 26.5740



172.8730, 16.3316, 35.1914



99.3470, 3.7729, 3.2037



50.8890, 59.2147, 47.4553



12.9750, 14.8023, 12.2999

Previews

White Background



This preview shows how the YUV color 193.1030, -23.2218, -18.5073 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 193.1030, -23.2218, -18.5073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

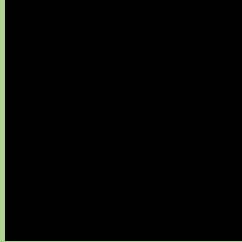
Any Text WCAG AA ✓ Pass

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 193.1030, -23.2218, -18.5073 Background



This preview shows how black text looks on a background with the YUV color 193.1030, -23.2218, -18.5073.



This preview shows how white text looks on a background with the YUV color 193.1030, -23.2218, -18.5073.

-18.5073.

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

193.1030, -23.2218, -18.5073

Protanopia

198.0580, -28.1296, 15.7351

Deuteranopia

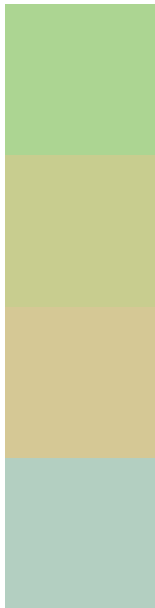
200.3680, -24.8314, 31.2493



Tritanopia

199.5450, 10.0843, -14.5100

Trichromacy



Original Color

193.1030, -23.2218, -18.5073

Protanomaly

196.4370, -26.3444, 3.1248

Deuteranomaly

198.0730, -24.1930, 13.0910

Tritanomaly

197.0320, -1.9878, -15.8141

Monochromacy



Original Color

193.1030, -23.2218, -18.5073

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.7790, -8.2720, -6.8222

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1030, -23.2218, -18.5073 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(172, 213, 146)` looks like.

```
.text, #text, p{  
    color:rgb(172, 213, 146)  
}
```

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(172, 213, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 213, 146) }
```

Border

The CSS property to change the border of an element to YUV 193.1030, -23.2218, -18.5073 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(172, 213, 146) }
```


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

```
.border{ border-color:rgb(172, 213, 146) }
```

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

Here you see how a box with a 4 pixel rgb(172, 213, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 213, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 213, 146);  
box-shadow:4px 4px 4px 4px rgb(172, 213,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 193.1030, -23.2218, -18.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 213, 146) }
```

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

```
.background{ background-color: rgb(172,  
213, 146) }
```

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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