

Converting Colors

YUV(180.6090, -23.9642,
-13.6891)

Have a look what the booklet for
YUV(180.6090, -23.9642, -13.6891)
contains.

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Color

**YUV(180.6090, -23.9642,
-13.6891)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C684
RGB	165, 198, 132
RGB Percent	65%, 78%, 52%
CMY	0.3529, 0.2235, 0.4824
CMYK	0.17, 0.00, 0.33, 0.22
HSL	90°, 37%, 65%
HSV	90°, 33%, 78%
XYZ	39.8760, 50.0534, 29.3894
YIQ	180.6090, 1.5180, -27.5220

Conversions

Conversions Part 2

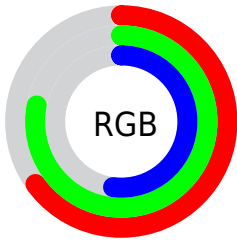
Format	Color
RYB	132, 198, 165
Decimal	10864260
CIELab	76.10, -22.68, 29.54
CIELCh	76, 37.248, 127.518
Yxy	50.0534, 0.3342, 0.4195
Android (android.graphics.Color)	4289054340 (0xFFA5C684)
YUV	180.6090, -23.9642, -13.6891
Hunter-Lab	70.7485, -23.2018, 24.8945

Details

The YUV color **180.6090, -23.9642, -13.6891** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **149.3910, 23.9642, 13.6891**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9680, -25.1272, -14.0039**, and **127.3640, -22.3645, -13.4742** is the 20% darker color. If you saturate the color by 10%, you get **175.3390, -31.2261, -17.8373**, and if you desaturate by 10%, it is **185.8790, -16.7023, -9.5409**.

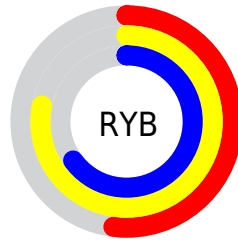
Distribution



Red (65%)

Green (78%)

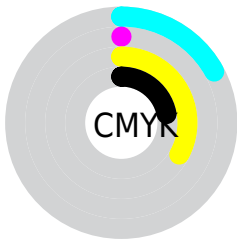
Blue (52%)



Red (52%)

Yellow (78%)

Blue (65%)

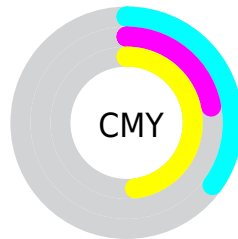


Cyan (17%)

Magenta (0%)

Yellow (33%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6090, -23.9642, -13.6891 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 180.6090, -23.9642, -13.6891 by changing the saturation by 10% instead.

■ 180.6090,
-23.9642, -13.6891

■ 180.6090,
-23.9642, -13.6891

255.0000, 0.0000,
0.0000

■ 153.7230,
-23.5274, -13.7891

■ 236.9680,
-25.1272, -14.0039

■ 127.3640,
-22.3645, -13.4742

■ 248.8310,
-17.1717, 1.0252

■ 101.8910,
-21.6383, -13.0594

■ 253.5180, -5.6784,
1.2997

■ 77.1190, -20.7647,
-13.2594

■ 53.7060, -21.0541,
-13.7742

■ 32.6720, -16.1073,
-13.7443

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 180.6090,
-23.9642, -13.6891

■ 180.6090,
-23.9642, -13.6891

■ 175.3390,
-31.2261, -17.8373

■ 185.8790,
-16.7023, -9.5409

■ 170.0690,
-38.4880, -21.9855

■ 191.1490, -9.4405,
-5.3927

■ 164.9130,
-45.3131, -26.2337

■ 196.3050, -2.6154,
-1.1445

■ 159.6430,
-52.5750, -30.3819

■ 201.5750, 4.6465,
3.0037

■ 154.6720,
-59.9843, -33.9153

■ 206.8450, 11.9084,
7.1519

■ 149.4020,
-67.2462, -38.0636

■ 211.8160, 19.3177,
10.6854

■ 145.8270,
-71.8927, -41.0673

■ 215.2620, 19.5908,
16.4332

■ 218.2520, 18.1168,
22.5810

■ 221.2420, 16.6427,
28.7288

Harmonies

Analogous

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



184.3200, -32.2028, 15.5054



180.6090, -23.9642, -13.6891



175.0640, -7.4266, -44.7831

Triad

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



180.6090, -23.9642, -13.6891



174.0280, 37.4542, -66.6766



191.2720, -5.5571, 55.8895

Complementary

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



180.6090, -23.9642, -13.6891



149.3910, 23.9642, 13.6891

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.



192.5270, 11.0792, 39.8798



180.6090, -23.9642, -13.6891



185.4720, 34.2773, -27.6009

Square

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



180.6090, -23.9642, -13.6891



164.8650, 31.1256, -90.2126



191.5970, 24.8487, 10.0004



189.5480, -20.9762, 54.7704

Rectangle

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



180.6090, -23.9642, -13.6891



170.1890, 6.3158, -65.9408



191.5970, 24.8487, 10.0004



192.0310, -0.0153, 51.7158

Sweetspot

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



180.6090, -23.9642, -13.6891



248.2630, -9.0037, -5.4927



171.1050, -19.2788, 23.5869



123.7840, -5.8095, -3.3186



0.0000, 0.0000, 0.0000



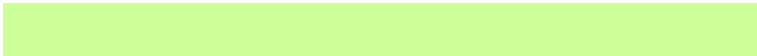
128.0000, 0.0000, 0.0000

Same Dimension

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



180.6090, -23.9642, -13.6891



228.1230, -37.0356, -21.1559



170.7420, -19.0998, -33.9767



96.4790, -3.1941, -2.1741



120.1990, -59.2581, -33.5005



26.5140, -13.0714, -7.4668

Inverse Universe

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



149.3910, 23.9642, 13.6891



179.8770, 37.0356, 21.1559



159.2580, 19.0998, 33.9767



92.2220, 3.3416, 1.5593



43.1000, 59.1107, 34.1153



9.4860, 13.0714, 7.4668

Previews

White Background



This preview shows how the YUV color 180.6090, -23.9642, -13.6891 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 180.6090, -23.9642, -13.6891 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 180.6090, -23.9642, -13.6891 Background



This preview shows how black text looks on a background with the YUV color 180.6090, -23.9642, -13.6891.



This preview shows how white text looks on a background with the YUV color 180.6090, -23.9642, -13.6891.

-13.6891.

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

180.6090, -23.9642, -13.6891

Protanopia

184.9440, -28.5664, 15.8351

Deuteranopia

186.9550, -25.1208, 30.7345



Tritanopia

186.8230, 8.4683, -9.4918

Trichromacy



Original Color

180.6090, -23.9642, -13.6891

Protanomaly

183.3340, -26.7867, 4.9691

Deuteranomaly

184.6710, -24.4878, 14.3205

Tritanomaly

184.4240, -3.1670, -10.8958

Monochromacy



Original Color

180.6090, -23.9642, -13.6891

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.6760, -8.7143, -4.9779

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6090, -23.9642, -13.6891 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(165, 198, 132)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 132)  
}
```

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(165, 198, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 132) }
```

Border

The CSS property to change the border of an element to YUV 180.6090, -23.9642, -13.6891 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(165, 198, 132) }
```


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

```
.border{ border-color:rgb(165, 198, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 132);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 180.6090, -23.9642, -13.6891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 132) }
```

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

```
.background{ background-color: rgb(165,  
198, 132) }
```

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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