

Converting Colors

YUV(170.2630, -12.4547,
-18.6477)

Have a look what the booklet for
YUV(170.2630, -12.4547, -18.6477)
contains.

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Color

**YUV(170.2630, -12.4547,
-18.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	95BA91
RGB	149, 186, 145
RGB Percent	58%, 73%, 57%
CMY	0.4157, 0.2706, 0.4314
CMYK	0.20, 0.00, 0.22, 0.27
HSL	114°, 23%, 65%
HSV	114°, 22%, 73%
XYZ	35.0642, 43.5517, 33.3463
YIQ	170.2630, -8.8910, -20.5950

Conversions

Conversions Part 2

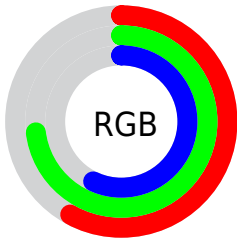
Format	Color
RYB	145, 186, 182
Decimal	9812625
CIELab	71.93, -20.40, 16.79
CIElCh	72, 26.419, 140.544
Yxy	43.5517, 0.3132, 0.3890
Android (android.graphics.Color)	4288002705 (0xFF95BA91)
YUV	170.2630, -12.4547, -18.6477
Hunter-Lab	65.9937, -20.6473, 16.2367

Details

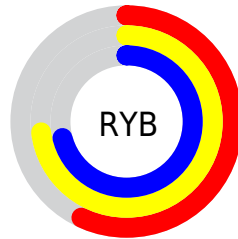
The YUV color **170.2630, -12.4547, -18.6477** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **160.7370, 12.4547, 18.6477**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7360, -13.1808, -19.0625**, and **117.7900, -11.7285, -18.2328** is the 20% darker color. If you saturate the color by 10%, you get **163.0140, -18.2479, -27.1993**, and if you desaturate by 10%, it is **177.5120, -6.6614, -10.0960**.

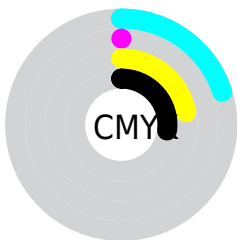
Distribution



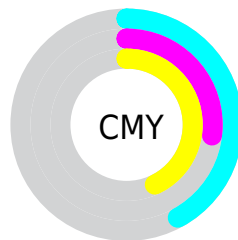
- Red (58%)
- Green (73%)
- Blue (57%)



- Red (57%)
- Yellow (73%)
- Blue (71%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)



- Cyan (42%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2630, -12.4547, -18.6477 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 170.2630, -12.4547, -18.6477 by changing the saturation by 10% instead.

■ 170.2630,
-12.4547, -18.6477

■ 170.2630,
-12.4547, -18.6477

255.0000, 0.0000,
0.0000

■ 143.6760,
-12.1653, -18.1329

■ 225.7360,
-13.1808, -19.0625

■ 117.7900,
-11.7285, -18.2328

■ 244.9310, -8.8400,
-11.3405

■ 92.7300, -10.7129,
-17.3032

■ 68.8440, -10.2761,
-17.4032

■ 46.2570, -9.9867,
-16.8884

■ 24.2140, -11.4445,
-15.9737

■ 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 170.2630,
-12.4547, -18.6477

■ 170.2630,
-12.4547, -18.6477

■ 163.0140,
-18.2479, -27.1993

■ 177.5120, -6.6614,
-10.0960

■ 155.8790,
-23.6043, -35.8509

■ 184.6470, -1.3050,
-1.4444

■ 148.9290,
-29.5450, -43.7877

■ 191.5970, 4.6357,
6.4924

■ 141.7940,
-34.9014, -52.4393

■ 198.7320, 9.9921,
15.1440

■ 134.5450,
-40.6947, -60.9910

■ 205.9810, 15.7854,
23.6957

■ 127.2960,
-46.4879, -69.5426

■ 213.0020, 20.7050,
32.4472

■ 120.4600,
-51.9918, -77.5794

■ 214.4970, 19.9680,
35.5211

■ 114.5640,
-56.4801, -84.6866

Harmonies

Analogous

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



173.5170, -20.9609, 3.0546



170.2630, -12.4547, -18.6477



166.8720, 0.5561, -38.4757

Triad

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



170.2630, -12.4547, -18.6477



172.3330, 24.9788, -31.8640



178.8480, -9.2921, 40.4753

Complementary

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



170.2630, -12.4547, -18.6477



160.7370, 12.4547, 18.6477

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.



179.9040, 2.5123, 34.2872



170.2630, -12.4547, -18.6477



177.5750, 21.4085, -6.6433

Square

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



170.2630, -12.4547, -18.6477



166.9410, 22.7071, -49.9373



180.2530, 13.1863, 17.3181



177.7090, -18.5905, 36.2122

Rectangle

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



170.2630, -12.4547, -18.6477



165.3960, 9.1718, -48.5823



180.2530, 13.1863, 17.3181



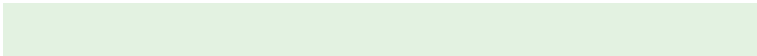
179.7600, -5.7977, 39.6755

Sweetspot

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



170.2630, -12.4547, -18.6477



235.5770, -5.2145, -7.5220



178.9780, -16.7512, 6.1583



118.5820, -2.7519, -4.0184



250.0000, 0.0000, 0.0000



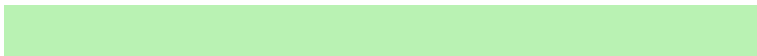
122.0000, 0.0000, 0.0000

Same Dimension

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



170.2630, -12.4547, -18.6477



217.7750, -19.1161, -28.7437



170.8910, -4.8763, -22.7064



88.5820, -2.7519, -4.0184



96.0570, -47.3561, -71.0870



17.3330, -8.5452, -12.5700

Inverse Universe

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



160.7370, 12.4547, 18.6477



203.2250, 19.1161, 28.7437



160.1090, 4.8763, 22.7064



86.4180, 2.7519, 4.0184



59.6440, 47.5035, 70.4722



10.6670, 8.5452, 12.5700

Previews

White Background



This preview shows how the YUV color 170.2630, -12.4547, -18.6477 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 170.2630, -12.4547, -18.6477 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 170.2630, -12.4547, -18.6477 Background



This preview shows how black text looks on a background with the YUV color 170.2630, -12.4547, -18.6477.



This preview shows how white text looks on a background with the YUV color 170.2630, -12.4547, -18.6477.

-18.6477.

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

170.2630, -12.4547, -18.6477

Protanopia

174.5980, -17.0568, 10.8766

Deuteranopia

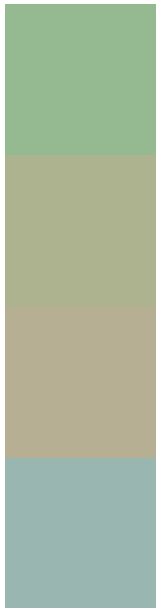
176.5870, -13.6004, 22.2872



Tritanopia

174.1320, 9.7949, -15.0248

Trichromacy



Original Color

170.2630, -12.4547, -18.6477

Protanomaly

172.9880, -15.2771, 0.0105

Deuteranomaly

174.3140, -12.9728, 7.6176

Tritanomaly

172.9440, 1.5066, -16.6139

Monochromacy



Original Color

170.2630, -12.4547, -18.6477

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1040, -4.4883, -7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2630, -12.4547, -18.6477 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(149, 186, 145)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 145)  
}
```

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(149, 186, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 145) }
```

Border

The CSS property to change the border of an element to YUV 170.2630, -12.4547, -18.6477 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(149, 186, 145) }
```


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

```
.border{ border-color:rgb(149, 186, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 186, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 186, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 186, 145);  
box-shadow:4px 4px 4px 4px rgb(149, 186,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 170.2630, -12.4547, -18.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 145) }
```

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

```
.background{ background-color: rgb(149,  
186, 145) }
```

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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