

Converting Colors

YUV(172.5620, -12.6021,
-18.0329)

Have a look what the booklet for
YUV(172.5620, -12.6021, -18.0329)
contains.

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Color

**YUV(172.5620, -12.6021,
-18.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	98BC93
RGB	152, 188, 147
RGB Percent	60%, 74%, 58%
CMY	0.4039, 0.2627, 0.4235
CMYK	0.19, 0.00, 0.22, 0.26
HSL	113°, 23%, 66%
HSV	113°, 22%, 74%
XYZ	36.1986, 44.7484, 34.3332
YIQ	172.5620, -8.2950, -20.3830

Conversions

Conversions Part 2

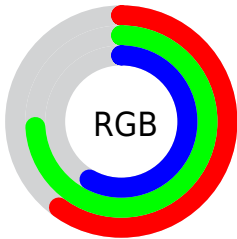
Format	Color
RYB	147, 188, 183
Decimal	10009747
CIELab	72.73, -20.01, 16.85
CIELCh	73, 26.159, 139.907
Yxy	44.7484, 0.3140, 0.3882
Android (android.graphics.Color)	4288199827 (0xFF98BC93)
YUV	172.5620, -12.6021, -18.0329
Hunter-Lab	66.8943, -20.4730, 16.3956

Details

The YUV color **172.5620, -12.6021, -18.0329** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **162.4380, 12.6021, 18.0329**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0350, -13.3283, -18.4477**, and **120.0890, -11.8759, -17.6181** is the 20% darker color. If you saturate the color by 10%, you get **165.3130, -18.3953, -26.5845**, and if you desaturate by 10%, it is **179.8110, -6.8088, -9.4812**.

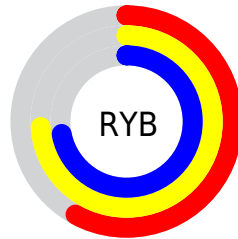
Distribution



Red (60%)

Green (74%)

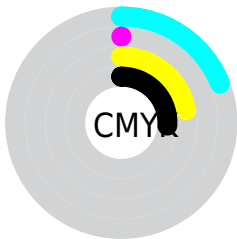
Blue (58%)



Red (58%)

Yellow (74%)

Blue (72%)

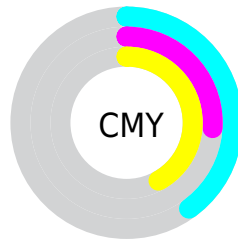


Cyan (19%)

Magenta (0%)

Yellow (22%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5620, -12.6021, -18.0329 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 172.5620, -12.6021, -18.0329 by changing the saturation by 10% instead.

■ 172.5620,
-12.6021, -18.0329

■ 172.5620,
-12.6021, -18.0329

255.0000, 0.0000,
0.0000

■ 145.9750,
-12.3127, -17.5181

■ 228.0350,
-13.3283, -18.4477

■ 120.0890,
-11.8759, -17.6181

■ 246.0560, -8.4086,
-9.6961

■ 94.9150, -11.2971,
-16.5885

■ 71.1430, -10.4235,
-16.7884

■ 47.6700, -9.6973,
-16.3736

■ 25.7410, -10.7183,
-15.5589

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 172.5620,
-12.6021, -18.0329

■ 172.5620,
-12.6021, -18.0329

■ 165.3130,
-18.3953, -26.5845

■ 179.8110, -6.8088,
-9.4812

■ 158.3630,
-24.3360, -34.5214

■ 186.7610, -0.8682,
-1.5444

■ 151.2280,
-29.6924, -43.1730

■ 193.8960, 4.4883,
7.1072

■ 144.2780,
-35.6331, -51.1098

■ 200.8460, 10.4289,
15.0441

■ 137.0290,
-41.4263, -59.6614

■ 208.0950, 16.2222,
23.5957

■ 130.0790,
-47.3669, -67.5983

■ 214.4750, 19.9788,
32.0324

■ 122.8300,
-53.1602, -76.1499

■ 215.6710, 19.3892,
34.4915

■ 117.2330,
-57.7959, -82.6423

Harmonies

Analogous

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



175.5170, -20.9609, 3.0546



172.5620, -12.6021, -18.0329



169.0570, -0.0281, -37.7610

Triad

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



172.5620, -12.6021, -18.0329



174.3330, 24.9788, -31.8640



181.5490, -9.1447, 39.8605

Complementary

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



172.5620, -12.6021, -18.0329



162.4380, 12.6021, 18.0329

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.



182.6050, 2.6597, 33.6724



172.5620, -12.6021, -18.0329



179.2760, 21.5559, -7.2581

Square

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



172.5620, -12.6021, -18.0329



169.1260, 22.1229, -49.2225



181.9540, 13.3337, 16.7033



179.8230, -18.1537, 36.1122

Rectangle

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



172.5620, -12.6021, -18.0329



167.6950, 9.0244, -47.9675



181.9540, 13.3337, 16.7033



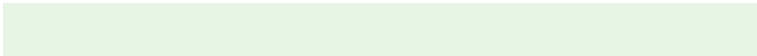
181.8740, -5.3609, 39.5755

Sweetspot

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



172.5620, -12.6021, -18.0329



238.5770, -5.2145, -7.5220



180.3910, -16.4618, 6.6731



118.5820, -2.7519, -4.0184



250.0000, 0.0000, 0.0000



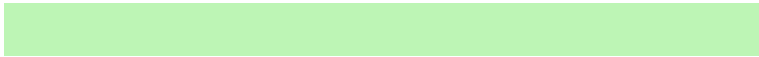
122.0000, 0.0000, 0.0000

Same Dimension

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



172.5620, -12.6021, -18.0329



220.9600, -19.7003, -28.0289



172.7770, -5.3131, -22.6064



90.5820, -2.7519, -4.0184



98.4270, -48.5245, -69.6575



19.3930, -9.5607, -13.4997

Inverse Universe

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



162.4380, 12.6021, 18.0329



205.0400, 19.7003, 28.0289



162.2230, 5.3131, 22.6064



88.4180, 2.7519, 4.0184



59.5730, 48.5245, 69.6575



11.6070, 9.5607, 13.4997

Previews

White Background



This preview shows how the YUV color 172.5620, -12.6021, -18.0329 looks on a white background.

Color Contrast Check

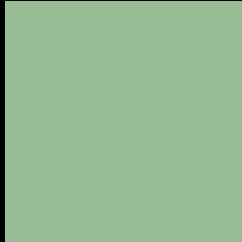
Large Text (above 18pt) WCAG AA × Fail

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 172.5620, -12.6021, -18.0329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

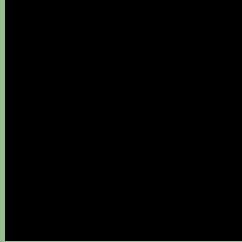
Any Text WCAG AA ✓ Pass

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 172.5620, -12.6021, -18.0329 Background



This preview shows how black text looks on a background with the YUV color 172.5620, -12.6021, -18.0329.



This preview shows how white text looks on a background with the YUV color 172.5620, -12.6021, -18.0329.

-18.0329.

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

172.5620, -12.6021, -18.0329

Protanopia

177.1850, -17.3462, 10.3618

Deuteranopia

178.7720, -14.1846, 23.0020



Tritanopia

176.4310, 9.6475, -14.4100

Trichromacy



Original Color

172.5620, -12.6021, -18.0329

Protanomaly

175.8740, -15.7139, 0.1105

Deuteranomaly

176.4990, -13.5570, 8.3324

Tritanomaly

175.2430, 1.3592, -15.9991

Monochromacy



Original Color

172.5620, -12.6021, -18.0329

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.5170, -4.1989, -6.5924

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5620, -12.6021, -18.0329 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(152, 188, 147)` looks like.

```
.text, #text, p{  
    color:rgb(152, 188, 147)  
}
```

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(152, 188, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 188, 147) }
```

Border

The CSS property to change the border of an element to YUV 172.5620, -12.6021, -18.0329 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(152, 188, 147) }
```


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

```
.border{ border-color:rgb(152, 188, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 188, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 188, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 188, 147);  
box-shadow:4px 4px 4px 4px rgb(152, 188,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 172.5620, -12.6021, -18.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 188, 147) }
```

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

```
.background{ background-color: rgb(152,  
188, 147) }
```

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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