

Converting Colors

YUV(172.6140, -1.2887, -6.6775)

Have a look what the booklet for
YUV(172.6140, -1.2887, -6.6775)
contains.

YUV(172.6140, -1.2887, -6.6775)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(172.6140, -1.2887,
-6.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B1AA
RGB	165, 177, 170
RGB Percent	65%, 69%, 67%
CMY	0.3529, 0.3059, 0.3333
CMYK	0.07, 0.00, 0.04, 0.31
HSL	145°, 7%, 67%
HSV	145°, 7%, 69%
XYZ	38.4949, 42.3459, 44.1749
YIQ	172.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

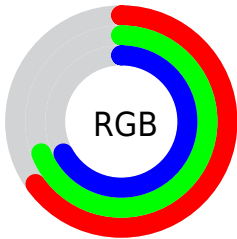
Format	Color
RYB	165, 173, 177
Decimal	10858922
CIELab	71.11, -5.53, 2.13
CIELCh	71, 5.929, 158.964
Yxy	42.3459, 0.3079, 0.3387
Android (android.graphics.Color)	4289049002 (0xFFA5B1AA)
YUV	172.6140, -1.2887, -6.6775
Hunter-Lab	65.0737, -8.2859, 5.3030

Details

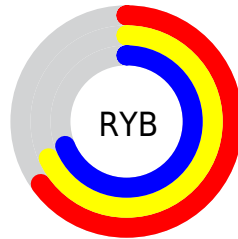
The YUV color **172.6140, -1.2887, -6.6775** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169.3860, 1.2887, 6.6775**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.2010, -1.5781, -7.1923**, and **120.0270, -0.9993, -6.1627** is the 20% darker color. If you saturate the color by 10%, you get **166.0920, -3.0034, -16.7437**, and if you desaturate by 10%, it is **179.1360, 0.4260, 3.3887**.

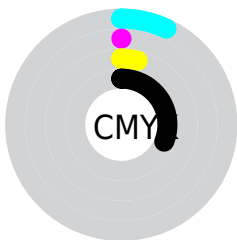
Distribution



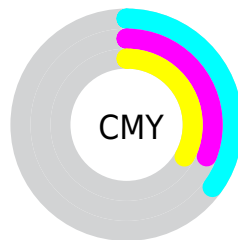
- Red (65%)
- Green (69%)
- Blue (67%)



- Red (65%)
- Yellow (68%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)



- Cyan (35%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6140, -1.2887, -6.6775 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 172.6140, -1.2887, -6.6775 by changing the saturation by 10% instead.

■ 172.6140, -1.2887,
-6.6775

■ 172.6140, -1.2887,
-6.6775

255.0000, 0.0000,
0.0000

■ 146.0270, -0.9993,
-6.1627

■ 228.2010, -1.5781,
-7.1923

■ 120.0270, -0.9993,
-6.1627

■ 253.0920, 0.4476,
-3.5887

■ 95.9130, -1.4361,
-6.0627

■ 72.0270, -0.9993,
-6.1627

■ 49.3260, -1.1467,
-5.5479

■ 28.7390, -0.8573,
-5.0331

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 172.6140, -1.2887,
-6.6775

■ 172.6140, -1.2887,
-6.6775

■ 166.0920, -3.0034,
-16.7437

■ 179.1360, 0.4260,
3.3887

■ 159.7550, -5.3022,
-26.0951

■ 185.4730, 2.7248,
12.7402

■ 153.2330, -7.0169,
-36.1613

■ 191.9950, 4.4395,
22.8064

■ 146.7110, -8.7315,
-46.2275

■ 198.5170, 6.1541,
32.8726

■ 140.3740,
-11.0304, -55.5790

■ 205.1530, 8.3056,
42.8388

■ 133.8520,
-12.7450, -65.6452

■ 206.5920, 12.5261,
42.4538

■ 127.3300,
-14.4597, -75.7114

■ 207.7320, 16.8941,
41.4540

■ 120.6940,
-16.6111, -85.6776

■ 208.9860, 21.6989,
40.3543

■ 114.4710,
-18.4732, -95.1291

■ 209.2140, 22.5725,
40.1543

Harmonies

Analogous

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



173.3650, -3.6309, -2.0741



172.6140, -1.2887, -6.6775



172.2870, 1.3375, -9.0217

Triad

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



172.6140, -1.2887, -6.6775



174.3570, 5.2470, -2.9441



175.0290, -3.9583, 9.6216

Complementary

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



172.6140, -1.2887, -6.6775



169.3860, 1.2887, 6.6775

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.



175.7130, -1.3375, 9.0217



172.6140, -1.2887, -6.6775



174.6350, 3.6309, 2.0741

Square

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



172.6140, -1.2887, -6.6775



173.6230, 5.1159, -7.5624



175.3860, 1.2887, 6.6775



174.0780, -4.9685, 6.9476

Rectangle

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



172.6140, -1.2887, -6.6775



172.4440, 3.2321, -10.0364



175.3860, 1.2887, 6.6775



175.2570, -3.0847, 9.4216

Sweetspot

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



172.6140, -1.2887, -6.6775



228.1630, -0.5734, -2.7740



174.1370, -4.5045, -1.8741



113.8750, -0.4314, -1.6444



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



172.6140, -1.2887, -6.6775



223.0650, -2.0040, -10.5810



173.2980, 1.3321, -7.2773



85.7390, -0.8573, -5.0331



97.1070, -16.3218, -85.1628



16.5160, -2.7194, -14.4845

Inverse Universe

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



169.3860, 1.2887, 6.6775



217.9350, 2.0040, 10.5810



168.7020, -1.3321, 7.2773



83.3750, 1.2941, 4.9331



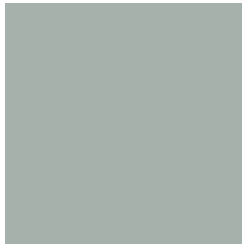
55.8930, 16.3218, 85.1628



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 172.6140, -1.2887, -6.6775 looks on a white background.

Color Contrast Check

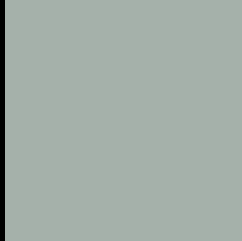
Large Text (above 18pt) WCAG AA × Fail

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 172.6140, -1.2887, -6.6775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

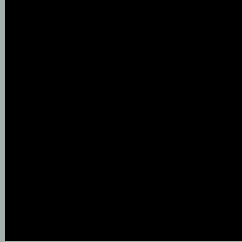
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.6140, -1.2887, -6.6775

Background



This preview shows how black text looks on a background with the YUV color 172.6140, -1.2887, -6.6775.



This preview shows how white text looks on a background with the YUV color 172.6140, -1.2887, -6.6775.

-6.6775.

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

172.6140, -1.2887, -6.6775

Protanopia

173.9250, -2.9210, 3.5738

Deuteranopia

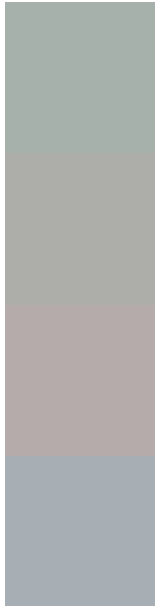
175.3330, -1.6432, 13.7400



Tritanopia

173.8020, 6.9996, -5.0884

Trichromacy



Original Color

172.6140, -1.2887, -6.6775

Protanomaly

173.1310, -2.0366, -0.1149

Deuteranomaly

174.2890, -1.6215, 6.7625

Tritanomaly

173.2920, 3.8000, -5.5181

Monochromacy



Original Color

172.6140, -1.2887, -6.6775

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.5760, -0.2840, -2.2592

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6140, -1.2887, -6.6775 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, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 170)  
}
```

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, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 170) }
```

Border

The CSS property to change the border of an element to YUV 172.6140, -1.2887, -6.6775 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, 177, 170) }
```


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

```
.border{ border-color:rgb(165, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 177,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 172.6140, -1.2887, -6.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 170) }
```

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

```
.background{ background-color: rgb(165,  
177, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor