

Converting Colors

YUV(187.2700, -12.9511,
0.6402)

Have a look what the booklet for
YUV(187.2700, -12.9511, 0.6402)
contains.

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Color

**YUV(187.2700, -12.9511,
0.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC0A1
RGB	188, 192, 161
RGB Percent	74%, 75%, 63%
CMY	0.2627, 0.2471, 0.3686
CMYK	0.02, 0.00, 0.16, 0.25
HSL	68°, 20%, 69%
HSV	68°, 16%, 75%
XYZ	46.0217, 50.9638, 41.1296
YIQ	187.2700, 7.5670, -10.4890

Conversions

Conversions Part 2

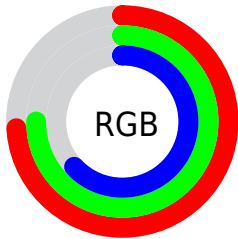
Format	Color
RYB	161, 192, 165
Decimal	12370081
CIELab	76.66, -6.76, 15.18
CIELCh	77, 16.615, 114.004
Yxy	50.9638, 0.3332, 0.3690
Android (android.graphics.Color)	4290560161 (0xFFBCC0A1)
YUV	187.2700, -12.9511, 0.6402
Hunter-Lab	71.3890, -9.8587, 15.8133

Details

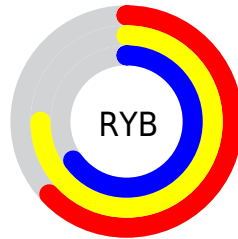
The YUV color $187.2700, -12.9511, 0.6402$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $165.7300, 12.9511, -0.6402$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1560, -13.3879, 0.7402$, and $134.3840, -12.5143, 0.5402$ is the 20% darker color. If you saturate the color by 10%, you get $184.5060, -20.9555, 1.3102$, and if you desaturate by 10%, it is $190.0340, -4.9468, -0.0298$.

Distribution



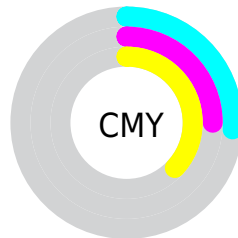
- Red (74%)
- Green (75%)
- Blue (63%)



- Red (63%)
- Yellow (75%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2700, -12.9511, 0.6402 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 187.2700, -12.9511, 0.6402 by changing the saturation by 10% instead.

■ 187.2700,
-12.9511, 0.6402

■ 187.2700,
-12.9511, 0.6402

255.0000, 0.0000,
0.0000

■ 160.3840,
-12.5143, 0.5402

■ 243.1560,
-13.3879, 0.7402

■ 134.3840,
-12.5143, 0.5402

■ 253.7460, -4.8048,
1.0998

■ 108.6120,
-11.6407, 0.3403

■ 84.7260, -11.2039,
0.2403

■ 60.9540, -10.3303,
0.0403

■ 39.0680, -9.8935,
-0.0596

■ 18.8830, -9.3093,

-0.7744

■ 0.0000, 0.0000,
0.0000

■ 187.2700,
-12.9511, 0.6402

■ 187.2700,
-12.9511, 0.6402

■ 184.5060,
-20.9555, 1.3102

■ 190.0340, -4.9468,
-0.0298

■ 181.4430,
-28.8124, 1.3655

■ 193.0970, 2.9102,
-0.0851

■ 178.5650,
-37.2535, 2.1355

■ 195.9750, 11.3513,
-0.8551

■ 175.5020,
-45.1105, 2.1907

■ 199.0380, 19.2083,
-0.9103

■ 172.7380,
-53.1148, 2.8608

■ 201.5740, 26.3390,
-1.3804

■ 169.6750,
-60.9718, 2.9160

■ 202.4710, 25.8968,
0.4639

■ 166.9110,
-68.9761, 3.5861

■ 203.0690, 25.6020,
1.6935

■ 163.7340,
-77.2699, 3.7413

■ 203.9660, 25.1598,
3.5378

■ 162.6370,
-80.1800, 3.8264

■ 204.5640, 24.8649,
4.7674

Harmonies

Analogous

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



189.1900, -14.8837, 13.8654



187.2700, -12.9511, 0.6402



185.3760, -7.0874, -13.4848

Triad

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



187.2700, -12.9511, 0.6402



185.3800, 13.6167, -27.5203



192.2570, 0.3663, 22.5766

Complementary

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



187.2700, -12.9511, 0.6402



165.7300, 12.9511, -0.6402

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.



192.0260, 7.3822, 12.2552



187.2700, -12.9511, 0.6402



187.6140, 15.4733, -16.3245

Square

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



187.2700, -12.9511, 0.6402



183.6910, 8.5333, -30.4240



190.1320, 13.2459, -1.8698



191.6290, -7.2121, 26.6354

Rectangle

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



187.2700, -12.9511, 0.6402



184.5860, -2.2609, -21.5619



190.1320, 13.2459, -1.8698



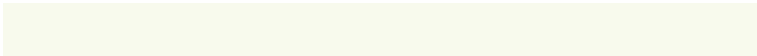
191.9300, 2.9925, 20.2324

Sweetspot

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



187.2700, -12.9511, 0.6402



247.9200, -5.3836, 0.0702



172.6170, -5.7272, 16.9989



123.7890, -3.3470, 0.1850



252.0000, 0.0000, 0.0000



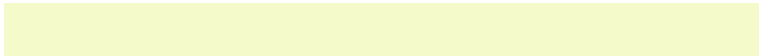
125.0000, 0.0000, 0.0000

Same Dimension

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



187.2700, -12.9511, 0.6402



242.7340, -20.0819, 1.1103



182.7850, -10.7400, -8.5814



95.5610, -4.2206, 0.3850



136.3670, -67.2289, 3.1861



28.0420, -13.8247, 0.8402

Inverse Universe

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



165.7300, 12.9511, -0.6402



209.5650, 19.9345, -0.4955



170.2150, 10.7400, 8.5814



88.4390, 4.2206, -0.3850



24.6330, 67.2289, -3.1861



4.9580, 13.8247, -0.8402

Previews

White Background



This preview shows how the YUV color 187.2700, -12.9511, 0.6402 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 187.2700, -12.9511, 0.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

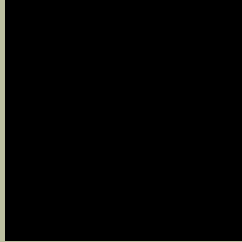
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

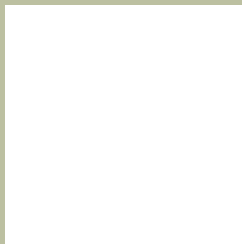
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.2700, -12.9511, 0.6402

Background



This preview shows how black text looks on a background with the YUV color 187.2700, -12.9511, 0.6402.



This preview shows how white text looks on a background with the YUV color 187.2700, -12.9511,

0.6402.

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

187.2700, -12.9511, 0.6402

Protanopia

188.5700, -14.5780, 9.1471

Deuteranopia

190.2990, -13.4584, 23.4168



Tritanopia

190.1020, 5.3727, 3.4185

Trichromacy



Original Color

187.2700, -12.9511, 0.6402

Protanomaly

188.0750, -13.8410, 6.0732

Deuteranomaly

189.2440, -13.4313, 14.6950

Tritanomaly

188.9680, -1.4632, 2.6591

Monochromacy



Original Color

187.2700, -12.9511, 0.6402

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1480, -4.5100, -0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2700, -12.9511, 0.6402 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(188, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(188, 192, 161)  
}
```

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(188, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 192, 161) }
```

Border

The CSS property to change the border of an element to YUV 187.2700, -12.9511, 0.6402 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(188, 192, 161) }
```


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

```
.border{ border-color:rgb(188, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 192,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 187.2700, -12.9511, 0.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 192, 161) }
```

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

```
.background{ background-color: rgb(188,  
192, 161) }
```

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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