

Converting Colors

YUV(180.2720, -12.4591,
29.5795)

Have a look what the booklet for
YUV(180.2720, -12.4591, 29.5795)
contains.

YUV(180.2720, -12.4591, 29.5795)	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(180.2720, -12.4591,
29.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A89B
RGB	214, 168, 155
RGB Percent	84%, 66%, 61%
CMY	0.1608, 0.3412, 0.3922
CMYK	0.00, 0.21, 0.28, 0.16
HSL	13°, 42%, 72%
HSV	13°, 28%, 84%
XYZ	47.6506, 44.6680, 37.1207
YIQ	180.2720, 31.5890, 5.7090

Conversions

Conversions Part 2

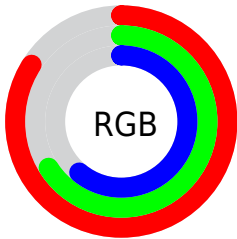
Format	Color
RYB	214, 172, 155
Decimal	14067867
CIELab	72.67, 14.99, 13.17
CIElCh	73, 19.955, 41.289
Yxy	44.6680, 0.3681, 0.3451
Android (android.graphics.Color)	4292257947 (0xFFD6A89B)
YUV	180.2720, -12.4591, 29.5795
Hunter-Lab	66.8341, 10.3052, 13.8533

Details

The YUV color $180.2720, -12.4591, 29.5795$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $188.7280, 12.4591, -29.5795$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.9720, -10.8322, 21.0726$, and $127.1900, -11.4327, 27.0204$ is the 20% darker color. If you saturate the color by 10%, you get $167.8990, -16.7122, 40.4306$, and if you desaturate by 10%, it is $192.6450, -8.2060, 18.7283$.

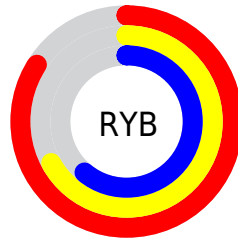
Distribution



Red (84%)

Green (66%)

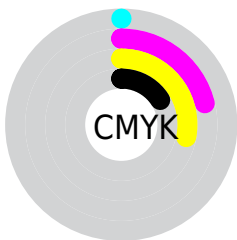
Blue (61%)



Red (84%)

Yellow (67%)

Blue (61%)

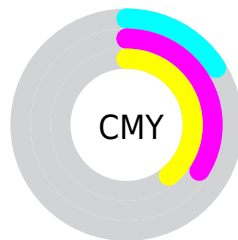


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (16%)



Cyan (16%)

Magenta (34%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2720, -12.4591, 29.5795 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 180.2720, -12.4591, 29.5795 by changing the saturation by 10% instead.

■ 180.2720,
-12.4591, 29.5795

■ 180.2720,
-12.4591, 29.5795

255.0000, 0.0000,
0.0000

■ 153.6740,
-12.1643, 28.3499

■ 230.9720,
-10.8322, 21.0726

■ 127.1900,
-11.4327, 27.0204

■ 251.3010, -6.5574,
3.2440

■ 101.7060,
-10.7011, 25.6908

■ 77.2220, -9.9694,
24.3613

■ 54.3250, -9.5272,
22.5170

■ 32.4280, -9.0850,
20.6726

■ 10.4650, -5.1592,

21.5172

■ 0.0000, 0.0000,
0.0000

■ 180.2720,
-12.4591, 29.5795

■ 180.2720,
-12.4591, 29.5795

■ 167.8990,
-16.7122, 40.4306

■ 192.6450, -8.2060,
18.7283

■ 155.9990,
-21.6915, 50.8669

■ 204.5450, -3.2267,
8.2920

■ 143.6260,
-25.9446, 61.7180

■ 216.9180, 1.0264,
-2.5591

■ 131.1390,
-30.6345, 72.6691

■ 229.4050, 5.7163,
-13.5102

■ 119.3530,
-35.1770, 83.0054

■ 240.3930, 7.2013,
-23.1467

■ 106.9800,
-39.4301, 93.8565

■ 242.7410, 6.0437,
-25.2059

■ 94.4930, -44.1200,
104.8076

■ 91.5750, -45.1465,
107.3667

Harmonies

Analogous

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



181.0470, -4.4602, 30.6538



180.2720, -12.4591, 29.5795



178.6640, -17.0894, 21.3427

Triad

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



180.2720, -12.4591, 29.5795



172.6350, -3.2711, -24.2359



178.5160, 17.4936, -10.9765

Complementary

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



180.2720, -12.4591, 29.5795



188.7280, 12.4591, -29.5795

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.



174.6450, 18.4160, -26.8757



180.2720, -12.4591, 29.5795



171.2020, 6.8024, -35.2572

Square

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



180.2720, -12.4591, 29.5795



175.1440, -11.9030, -8.8963



171.6670, 14.9542, -36.5420



180.6710, 12.4872, 8.1815

Rectangle

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



180.2720, -12.4591, 29.5795



177.4950, -17.4990, 12.7209



171.6670, 14.9542, -36.5420



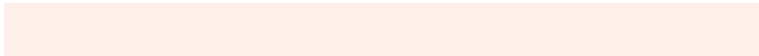
177.2980, 18.0941, -16.9243

Sweetspot

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



180.2720, -12.4591, 29.5795



243.3280, -4.1057, 10.2363



177.8850, 11.3957, 31.6729



120.6480, -2.7845, 6.4477



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.



180.2720, -12.4591, 29.5795



206.6820, -17.5912, 42.3749



197.2950, -20.8514, 14.6503



101.0500, -2.4896, 5.2182



73.4350, -36.2035, 85.5645



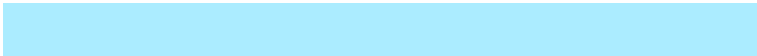
18.7270, -9.2324, 21.2874

Inverse Universe

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



188.7280, 12.4591, -29.5795



218.7310, 17.8806, -41.8601



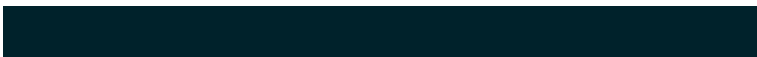
171.7050, 20.8514, -14.6503



102.5370, 2.2003, -5.7329



97.5650, 36.2035, -85.5645



24.8600, 8.9430, -21.8022

Previews

White Background



This preview shows how the YUV color 180.2720, -12.4591, 29.5795 looks on a white background.

Color Contrast Check

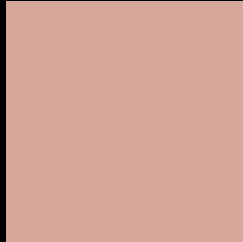
Large Text (above 18pt) WCAG AA × Fail

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 180.2720, -12.4591, 29.5795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

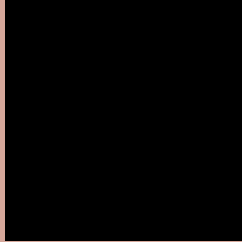
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.2720, -12.4591, 29.5795

Background



This preview shows how black text looks on a background with the YUV color 180.2720, -12.4591, 29.5795.



This preview shows how white text looks on a background with the YUV color 180.2720, -12.4591,

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

180.2720, -12.4591, 29.5795

Protanopia

178.3400, -9.0416, 6.7178

Deuteranopia

179.5160, -12.5794, 21.4725



Tritanopia

181.6170, -2.2762, 30.1539

Trichromacy



Original Color

180.2720, -12.4591, 29.5795

Protanomaly

178.7540, -10.2317, 15.1247

Deuteranomaly

180.1250, -12.8796, 24.4464

Tritanomaly

180.9930, -5.9125, 29.8241

Monochromacy



Original Color

180.2720, -12.4591, 29.5795

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2140, -4.5425, 10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2720, -12.4591, 29.5795 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(214, 168, 155)` looks like.

```
.text, #text, p{  
    color:rgb(214, 168, 155)  
}
```

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(214, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 168, 155) }
```

Border

The CSS property to change the border of an element to YUV 180.2720, -12.4591, 29.5795 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(214, 168, 155) }
```


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

```
.border{ border-color:rgb(214, 168, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 168, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 168, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 168, 155);  
box-shadow:4px 4px 4px 4px rgb(214, 168,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 180.2720, -12.4591, 29.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 168, 155) }
```

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

```
.background{ background-color: rgb(214,  
168, 155) }
```

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