

Converting Colors

YUV(146.0020, -12.8190,
51.7412)

Have a look what the booklet for
YUV(146.0020, -12.8190, 51.7412)
contains.

YUV(146.0020, -12.8190, 51.7412)	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(146.0020, -12.8190,
51.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7978
RGB	205, 121, 120
RGB Percent	80%, 47%, 47%
CMY	0.1961, 0.5255, 0.5294
CMYK	0.00, 0.41, 0.41, 0.20
HSL	1°, 46%, 64%
HSV	1°, 41%, 80%
XYZ	35.4044, 28.0099, 21.3097
YIQ	146.0020, 50.3850, 17.4970

Conversions

Conversions Part 2

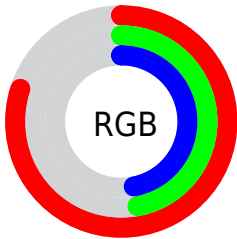
Format	Color
R_{YB}	205, 121, 120
Decimal	13465976
CIE _{Lab}	59.90, 32.61, 14.74
CIE _{LCh}	60, 35.788, 24.321
Yxy	28.0099, 0.4179, 0.3306
Android (android.graphics.Color)	4291656056 (0xFFCD7978)
YUV	146.0020, -12.8190, 51.7412
Hunter-Lab	52.9244, 26.7918, 13.1743

Details

The YUV color **146.0020, -12.8190, 51.7412** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **178.9980, 12.8190, -51.7412**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9910, -12.8136, 49.9969**, and **94.1370, -10.9135, 47.2379** is the 20% darker color. If you saturate the color by 10%, you get **131.9820, -15.7671, 64.0368**, and if you desaturate by 10%, it is **160.0220, -9.8708, 39.4457**.

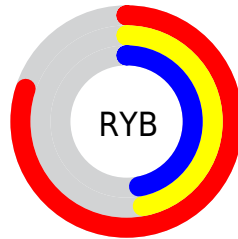
Distribution



Red (80%)

Green (47%)

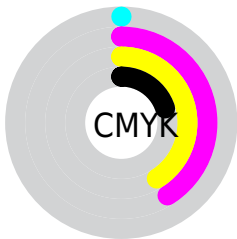
Blue (47%)



Red (80%)

Yellow (47%)

Blue (47%)

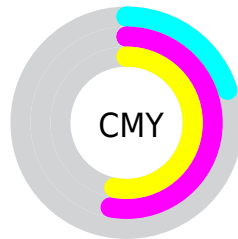


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (20%)



Cyan (20%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.0020, -12.8190, 51.7412 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 146.0020, -12.8190, 51.7412 by changing the saturation by 10% instead.


 146.0020,
-12.8190, 51.7412

 146.0020,
-12.8190, 51.7412


255.0000, 0.0000,
0.0000

 119.2190,
-11.9400, 49.7969


 197.9910,
-12.8136, 49.9969


 94.1370, -10.9135,
47.2379


 217.6190, -8.6862,
32.7831

 68.4680, -9.5977,
45.1936

 237.8340, -4.8482,
15.0546

 43.3260, -7.5557,
43.5641

 20.2610, -9.0027,
40.9901

 13.2700, -6.0491,
26.9502

 0.0000, 0.0000,

0.0000

■ 146.0020,
-12.8190, 51.7412

■ 146.0020,
-12.8190, 51.7412

■ 131.9820,
-15.7671, 64.0368

■ 160.0220, -9.8708,
39.4457

■ 117.2610,
-18.8627, 76.9471

■ 174.7430, -6.7753,
26.5354

■ 103.1270,
-22.2476, 89.3426

■ 188.7630, -3.8272,
14.2398

■ 89.1070, -25.1958,
101.6382

■ 202.8970, -0.4422,
1.8443

■ 74.9730, -28.5807,
114.0337

■ 216.9170, 2.5059,
-10.4512

■ 62.4690, -30.7972,
124.9997

■ 231.6380, 5.6015,
-23.3615

■ 240.0500, 7.3704,
-30.7388

Harmonies

Analogous

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



147.8670, 2.0376, 46.5976



146.0020, -12.8190, 51.7412



144.4450, -24.8694, 43.4597

Triad

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



146.0020, -12.8190, 51.7412



134.7410, -14.1693, -28.7139



136.4760, 34.7683, -45.1445

Complementary

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



146.0020, -12.8190, 51.7412



178.9980, 12.8190, -51.7412

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.



114.3890, 39.7412, -100.3192



146.0020, -12.8190, 51.7412



126.8690, 4.9946, -62.1521

Square

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



146.0020, -12.8190, 51.7412



139.4150, -26.3336, -0.3640



113.7730, 27.2269, -99.7789



145.5950, 27.8077, -5.7838

Rectangle

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



146.0020, -12.8190, 51.7412



143.5160, -29.3414, 31.1195



113.7730, 27.2269, -99.7789



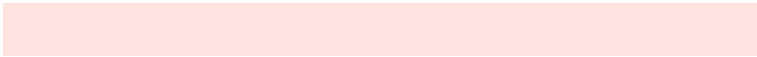
131.6160, 35.6853, -59.2992

Sweetspot

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



146.0020, -12.8190, 51.7412



233.8560, -4.8590, 18.5433



155.1050, 24.5982, 43.7579



115.3820, -2.6533, 11.0660



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.



146.0020, -12.8190, 51.7412



166.5600, -19.0101, 77.5619



170.6560, -24.9734, 30.1197



94.9900, -1.4741, 6.1478



50.8080, -25.0483, 101.0234



11.3620, -5.6015, 23.3615

Inverse Universe

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



178.9980, 12.8190, -51.7412



216.4400, 19.0101, -77.5619



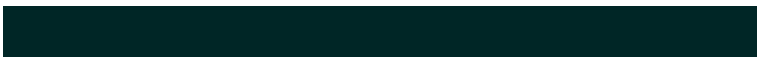
154.9310, 24.6840, -30.6345



99.0100, 1.4741, -6.1478



115.1920, 25.0483, -101.0234



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 146.0020, -12.8190, 51.7412 looks on a white background.

Color Contrast Check

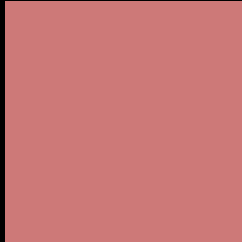
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.0020, -12.8190, 51.7412 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 × Fail

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

YUV 146.0020, -12.8190, 51.7412

Background



This preview shows how black text looks on a background with the YUV color 146.0020, -12.8190, 51.7412.



This preview shows how white text looks on a background with the YUV color 146.0020, -12.8190, 51.7412.

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

146.0020, -12.8190, 51.7412

Protanopia

144.4260, -6.1260, 4.8884

Deuteranopia

145.1630, -13.8844, 20.0280



Tritanopia

146.7400, -8.7458, 51.9710

Trichromacy



Original Color

146.0020, -12.8190, 51.7412

Protanomaly

145.2540, -8.5062, 21.7022

Deuteranomaly

145.0550, -13.3381, 31.5238

Tritanomaly

146.3980, -10.0562, 52.2710

Monochromacy



Original Color

146.0020, -12.8190, 51.7412

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9700, -4.4222, 18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0020, -12.8190, 51.7412 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(205, 121, 120)` looks like.

```
.text, #text, p{  
    color:rgb(205, 121, 120)  
}
```

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(205, 121, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 121, 120) }
```

Border

The CSS property to change the border of an element to YUV 146.0020, -12.8190, 51.7412 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(205, 121, 120) }
```


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

```
.border{ border-color:rgb(205, 121, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 121, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 121, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 121, 120);  
box-shadow:4px 4px 4px 4px rgb(205, 121,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 146.0020, -12.8190, 51.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 121, 120) }
```

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

```
.background{ background-color: rgb(205,  
121, 120) }
```

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