

Converting Colors

YUV(174.5030, -6.1640,
17.0989)

Have a look what the booklet for
YUV(174.5030, -6.1640, 17.0989)
contains.

YUV(174.5030, -6.1640, 17.0989)	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(174.5030, -6.1640,
17.0989)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A7A2
RGB	194, 167, 162
RGB Percent	76%, 65%, 64%
CMY	0.2392, 0.3451, 0.3647
CMYK	0.00, 0.14, 0.16, 0.24
HSL	9°, 21%, 70%
HSV	9°, 16%, 76%
XYZ	42.5884, 41.7154, 39.9896
YIQ	174.5030, 17.6970, 4.1690

Conversions

Conversions Part 2

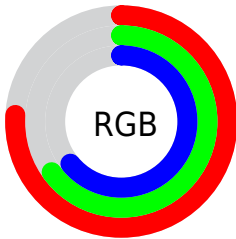
Format	Color
RYB	194, 168, 162
Decimal	12756898
CIELab	70.67, 9.01, 6.21
CIELCh	71, 10.945, 34.573
Yxy	41.7154, 0.3426, 0.3356
Android (android.graphics.Color)	4290946978 (0xFFC2A7A2)
YUV	174.5030, -6.1640, 17.0989
Hunter-Lab	64.5875, 4.6734, 8.5015

Details

The YUV color $174.5030, -6.1640, 17.0989$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $181.4970, 6.1640, -17.0989$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.1010, -6.4588, 18.3284$, and $121.9050, -5.8692, 15.8693$ is the 20% darker color. If you saturate the color by 10%, you get $162.9450, -9.8329, 27.2352$, and if you desaturate by 10%, it is $186.0610, -2.4951, 6.9625$.

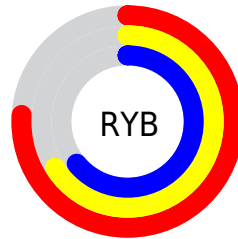
Distribution



Red (76%)

Green (65%)

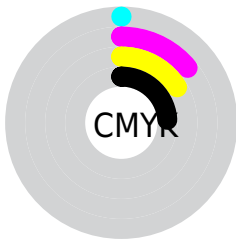
Blue (64%)



Red (76%)

Yellow (66%)

Blue (64%)

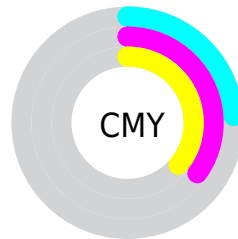


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5030, -6.1640, 17.0989 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 174.5030, -6.1640, 17.0989 by changing the saturation by 10% instead.

 174.5030, -6.1640,
17.0989


 174.5030, -6.1640,
17.0989


255.0000, 0.0000,
0.0000


 148.2040, -6.0166,
16.4841


 230.1010, -6.4588,
18.3284


 121.9050, -5.8692,
15.8693

 251.5120, -3.2104,
3.0590

 96.7200, -5.2850,
15.1546

 73.1220, -4.9901,
13.9250

 50.8230, -4.8427,
13.3102

 29.3390, -4.1111,
11.9807

 6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,
0.0000

■ 174.5030, -6.1640,
17.0989

■ 174.5030, -6.1640,
17.0989

■ 162.9450, -9.8329,
27.2352

■ 186.0610, -2.4951,
6.9625

■ 150.6860,
-13.6492, 37.9864

■ 198.3200, 1.3212,
-3.7886

■ 139.1280,
-17.3181, 48.1227

■ 209.8780, 4.9901,
-13.9250

■ 127.4560,
-21.4238, 58.3591

■ 221.5500, 9.0958,
-24.1614

■ 115.3110,
-24.8033, 69.0103

■ 233.2390, 10.7282,
-34.4126

■ 103.7530,
-28.4722, 79.1466

■ 236.7610, 8.9918,
-37.5014

■ 91.4940, -32.2885,
89.8978

■ 79.9360, -35.9574,
100.0341

■ 75.6160, -37.2787,
103.8228

Harmonies

Analogous

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



175.0560, -1.5066, 16.6139



174.5030, -6.1640, 17.0989



173.3840, -9.0633, 13.6952

Triad

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



174.5030, -6.1640, 17.0989



170.1250, -3.0196, -11.5106



172.5890, 10.0626, -7.5326

Complementary

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



174.5030, -6.1640, 17.0989



181.4970, 6.1640, -17.0989

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.



171.1320, 9.7949, -15.0248



174.5030, -6.1640, 17.0989



169.7590, 2.0908, -17.3286

Square

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



174.5030, -6.1640, 17.0989



171.3280, -7.5567, -2.9187



169.7140, 7.0430, -19.0432



174.2590, 7.2673, 2.4039

Rectangle

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



174.5030, -6.1640, 17.0989



173.1230, -9.9206, 8.6621



169.7140, 7.0430, -19.0432



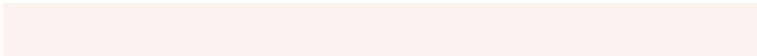
171.8660, 9.9261, -10.4065

Sweetspot

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



174.5030, -6.1640, 17.0989



244.7620, -2.3477, 6.3477



174.6460, 7.0765, 16.9735



122.9790, -1.4686, 4.4034



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.



174.5030, -6.1640, 17.0989



221.6460, -9.6855, 26.6205



183.8950, -10.7942, 8.8621



91.1640, -2.0529, 5.1182



62.8140, -30.9673, 86.1091



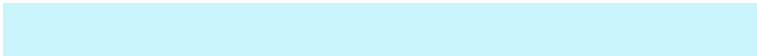
12.8020, -6.3114, 17.7136

Inverse Universe

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



181.4970, 6.1640, -17.0989



232.9410, 9.3961, -27.1353



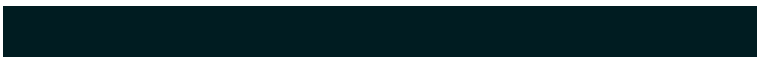
172.1050, 10.7942, -8.8621



92.8360, 2.0529, -5.1182



98.1860, 30.9673, -86.1091



20.1980, 6.3114, -17.7136

Previews

White Background



This preview shows how the YUV color 174.5030, -6.1640, 17.0989 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 174.5030, -6.1640, 17.0989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

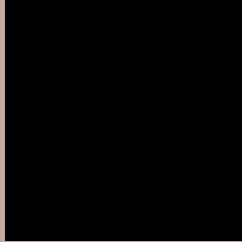
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.5030, -6.1640, 17.0989

Background



This preview shows how black text looks on a background with the YUV color 174.5030, -6.1640, 17.0989.



This preview shows how white text looks on a background with the YUV color 174.5030, -6.1640,

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

174.5030, -6.1640, 17.0989

Protanopia

172.9960, -3.9420, 4.3885

Deuteranopia

174.5030, -6.1640, 17.0989



Tritanopia

175.6370, 0.6720, 17.8584

Trichromacy



Original Color

174.5030, -6.1640, 17.0989

Protanomaly

173.5020, -4.6845, 9.2067

Deuteranomaly

174.5030, -6.1640, 17.0989

Tritanomaly

175.3550, -1.6540, 17.2287

Monochromacy



Original Color

174.5030, -6.1640, 17.0989

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5030, -6.1640, 17.0989 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(194, 167, 162)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 162)  
}
```

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(194, 167, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 162) }
```

Border

The CSS property to change the border of an element to YUV 174.5030, -6.1640, 17.0989 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(194, 167, 162) }
```


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

```
.border{ border-color:rgb(194, 167, 162) }
```

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

Here you see how a box with a 4 pixel rgb(194, 167, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 162);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 174.5030, -6.1640, 17.0989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 162) }
```

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

```
.background{ background-color: rgb(194,  
167, 162) }
```

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