

Converting Colors

YUV(177.5790, -28.3864,
4.7542)

Have a look what the booklet for
YUV(177.5790, -28.3864, 4.7542)
contains.

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Color

**YUV(177.5790, -28.3864,
4.7542)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BA78
RGB	183, 186, 120
RGB Percent	72%, 73%, 47%
CMY	0.2824, 0.2706, 0.5294
CMYK	0.02, 0.00, 0.35, 0.27
HSL	63°, 32%, 60%
HSV	63°, 35%, 73%
XYZ	40.4775, 46.5412, 24.6192
YIQ	177.5790, 19.3980, -21.1620

Conversions

Conversions Part 2

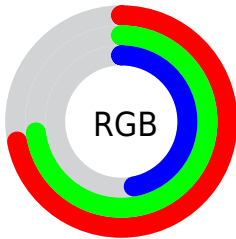
Format	Color
RYB	120, 186, 123
Decimal	12040824
CIELab	73.90, -11.30, 33.15
CIELCh	74, 35.022, 108.824
Yxy	46.5412, 0.3626, 0.4169
Android (android.graphics.Color)	4290230904 (0xFFB7BA78)
YUV	177.5790, -28.3864, 4.7542
Hunter-Lab	68.2211, -13.4778, 26.3585

Details

The YUV color $177.5790, -28.3864, 4.7542$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $128.4210, 28.3864, -4.7542$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.5360, -29.8442, 5.6689$, and $124.6220, -26.9286, 3.8395$ is the 20% darker color. If you saturate the color by 10%, you get $175.1140, -36.5382, 6.0390$, and if you desaturate by 10%, it is $180.0440, -20.2347, 3.4694$.

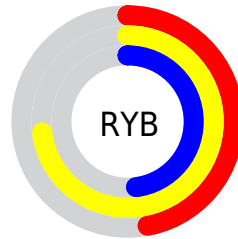
Distribution



Red (72%)

Green (73%)

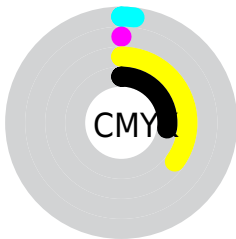
Blue (47%)



Red (47%)

Yellow (73%)

Blue (48%)

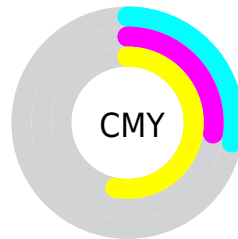


Cyan (2%)

Magenta (0%)

Yellow (35%)

Black (27%)



Cyan (28%)

Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5790, -28.3864, 4.7542 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 177.5790, -28.3864, 4.7542 by changing the saturation by 10% instead.

■ 177.5790,
-28.3864, 4.7542

■ 177.5790,
-28.3864, 4.7542

255.0000, 0.0000,
0.0000

■ 150.8070,
-27.5129, 4.5543

■ 233.5360,
-29.8442, 5.6689

■ 124.6220,
-26.9286, 3.8395

■ 248.8440,
-23.5871, 5.3988

■ 99.5510, -25.9076,
3.0248

■ 252.0360,
-11.3567, 2.5994

■ 75.2520, -25.7602,
2.4100

■ 51.9530, -25.6128,
1.7952

■ 32.1620, -15.8559,
-1.0191

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 177.5790,
-28.3864, 4.7542

■ 177.5790,
-28.3864, 4.7542

■ 175.1140,
-36.5382, 6.0390

■ 180.0440,
-20.2347, 3.4694

■ 172.7630,
-44.2532, 7.2238

■ 182.3950,
-12.5197, 2.2846

■ 170.2980,
-52.4049, 8.5087

■ 184.8600, -4.3680,
0.9998

■ 168.2460,
-60.2673, 10.3083

■ 186.9120, 3.4944,
-0.7998

■ 165.7810,
-68.4190, 11.5931

■ 189.3770, 11.6461,
-2.0846

■ 163.3160,
-76.5708, 12.8779

■ 191.8420, 19.7979,
-3.3694

■ 162.4040,
-80.0652, 13.6777

■ 194.1930, 27.5129,
-4.5543

■ 195.0620, 29.5494,
-4.4394

■ 195.3610, 29.4020,
-3.8246

Harmonies

Analogous

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



180.2770, -30.2096, 29.5751



177.5790, -28.3864, 4.7542



173.2640, -17.3852, -23.9105

Triad

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



177.5790, -28.3864, 4.7542



163.8820, 32.1032, -77.0725



185.8390, 4.5164, 44.8682

Complementary

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



177.5790, -28.3864, 4.7542



128.4210, 28.3864, -4.7542

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.



186.0670, 18.7010, 21.8662



177.5790, -28.3864, 4.7542



173.7530, 34.6318, -48.0184

Square

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



177.5790, -28.3864, 4.7542



161.8530, 19.2995, -77.0471



182.6050, 29.2817, -11.9316



184.4690, -11.0772, 53.0857

Rectangle

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



177.5790, -28.3864, 4.7542



169.7160, -6.2690, -42.7239



182.6050, 29.2817, -11.9316



186.1740, 9.7742, 38.4354

Sweetspot

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



177.5790, -28.3864, 4.7542



238.7370, -11.2093, 1.9847



140.9080, -10.3076, 39.5457



120.1760, -6.9888, 1.5996



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



177.5790, -28.3864, 4.7542



228.9480, -44.8374, 7.9386



168.0110, -23.6694, -14.9186



90.6750, -3.7838, 0.2850



135.8240, -66.9612, 10.6784



24.5090, -12.0829, 2.1846

Inverse Universe

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



128.4210, 28.3864, -4.7542



151.3510, 44.6900, -7.3238



137.9890, 23.6694, 14.9186



84.0260, 3.9312, -0.8998



19.8770, 67.1086, -11.2931



3.4910, 12.0829, -2.1846

Previews

White Background



This preview shows how the YUV color 177.5790, -28.3864, 4.7542 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 177.5790, -28.3864, 4.7542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

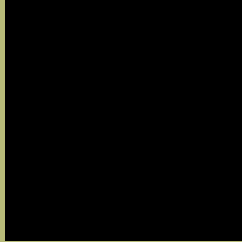
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.5790, -28.3864, 4.7542

Background



This preview shows how black text looks on a background with the YUV color 177.5790, -28.3864, 4.7542.



This preview shows how white text looks on a background with the YUV color 177.5790, -28.3864, 4.7542.

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

177.5790, -28.3864, 4.7542

Protanopia

178.6020, -29.8768, 16.1350

Deuteranopia

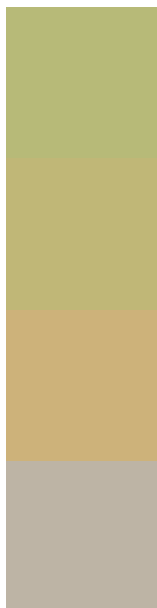
181.0430, -28.6152, 31.5343



Tritanopia

183.0810, 3.9041, 7.8220

Trichromacy



Original Color

177.5790, -28.3864, 4.7542

Protanomaly

178.3950, -29.2817, 11.9316

Deuteranomaly

179.6890, -28.4407, 22.1977

Tritanomaly

180.9810, -7.8786, 7.0327

Monochromacy



Original Color

177.5790, -28.3864, 4.7542

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.9650, -10.3357, 1.7847

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5790, -28.3864, 4.7542 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(183, 186, 120)` looks like.

```
.text, #text, p{  
    color:rgb(183, 186, 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(183, 186, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 186, 120) }
```

Border

The CSS property to change the border of an element to YUV 177.5790, -28.3864, 4.7542 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(183, 186, 120) }
```


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

```
.border{ border-color:rgb(183, 186, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 186, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 186, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 186, 120);  
box-shadow:4px 4px 4px 4px rgb(183, 186,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 177.5790, -28.3864, 4.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 186, 120) }
```

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

```
.background{ background-color: rgb(183,  
186, 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](#).

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