

Converting Colors

YUV(181.7590, -7.7692,
18.6284)

Have a look what the booklet for
YUV(181.7590, -7.7692, 18.6284)
contains.

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Color

**YUV(181.7590, -7.7692,
18.6284)**

Conversions

Conversions Part 1

Format	Color
Hex	CBAEA6
RGB	203, 174, 166
RGB Percent	80%, 68%, 65%
CMY	0.2039, 0.3176, 0.3490
CMYK	0.00, 0.14, 0.18, 0.20
HSL	13°, 26%, 72%
HSV	13°, 18%, 80%
XYZ	46.6476, 45.7218, 42.4430
YIQ	181.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

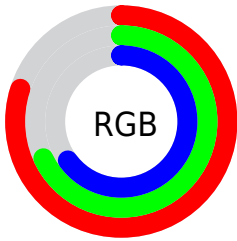
Format	Color
R _Y B	203, 176, 166
Decimal	13348518
CIE Lab	73.36, 9.20, 7.98
CIE LCh	73, 12.181, 40.919
Yxy	45.7218, 0.3460, 0.3392
Android (android.graphics.Color)	4291538598 (0xFFCBAEA6)
YUV	181.7590, -7.7692, 18.6284
Hunter-Lab	67.6179, 4.8106, 10.1169

Details

The YUV color $181.7590, -7.7692, 18.6284$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $187.2410, 7.7692, -18.6284$, and the grayscale version is $182.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.8620, -7.3270, 16.7840$, and $128.8620, -7.3270, 16.7840$ is the 20% darker color. If you saturate the color by 10%, you get $170.0870, -11.8749, 28.8647$, and if you desaturate by 10%, it is $193.4310, -3.6635, 8.3920$.

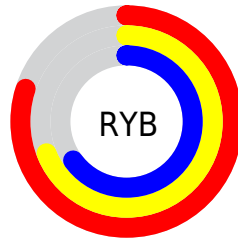
Distribution



Red (80%)

Green (68%)

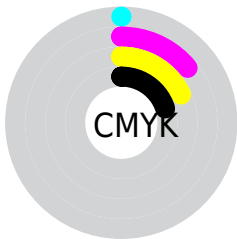
Blue (65%)



Red (80%)

Yellow (69%)

Blue (65%)

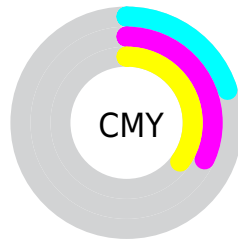


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (20%)



Cyan (20%)


Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7590, -7.7692, 18.6284 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 181.7590, -7.7692, 18.6284 by changing the saturation by 10% instead.


 181.7590, -7.7692,
18.6284

 181.7590, -7.7692,
18.6284

255.0000, 0.0000,
0.0000


 154.5740, -7.1850,
17.9136


 235.8620, -7.3270,
16.7840


 128.8620, -7.3270,
16.7840

 254.4300, -2.1840,
0.4999

 103.6770, -6.7428,
16.0693

 79.3780, -6.5954,
15.4545

 56.1930, -6.0111,
14.7397

 34.7090, -5.2795,
13.4102

 11.9050, -5.8692,

15.8693

0.0000, 0.0000,
0.0000

181.7590, -7.7692,
18.6284

181.7590, -7.7692,
18.6284

170.0870,
-11.8749, 28.8647

193.4310, -3.6635,
8.3920

158.3010,
-16.4174, 39.2010

205.2170, 0.8790,
-1.9443

146.6290,
-20.5231, 49.4374

216.8890, 4.9847,
-12.1807

134.9570,
-24.6288, 59.6737

228.5610, 9.0904,
-22.4170

123.2850,
-28.7345, 69.9101

238.8650, 7.9546,
-31.4536

■ 112.0860,
-33.5664, 79.7316

■ 239.4520, 7.6652,
-31.9684

■ 100.4140,
-37.6721, 89.9679

■ 88.7420, -41.7778,
100.2043

■ 86.5250, -42.6568,
102.1486

Harmonies

Analogous

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



182.6110, -3.2592, 18.7582



181.7590, -7.7692, 18.6284



180.6290, -10.6631, 13.4804

Triad

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



181.7590, -7.7692, 18.6284



176.7440, -1.8458, -14.6845



180.4150, 10.6414, -6.5030

Complementary

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



181.7590, -7.7692, 18.6284



187.2410, 7.7692, -18.6284

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.



178.4740, 11.1053, -15.3247



181.7590, -7.7692, 18.6284



176.4920, 3.7014, -20.6025

Square

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



181.7590, -7.7692, 18.6284



178.0180, -7.4039, -5.2778



177.0450, 8.3588, -21.0875



181.6830, 7.5513, 4.6630

Rectangle

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



181.7590, -7.7692, 18.6284



179.5960, -10.6468, 8.2473



177.0450, 8.3588, -21.0875



179.8060, 10.9416, -9.4769

Sweetspot

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



181.7590, -7.7692, 18.6284



247.6480, -2.7845, 6.4477



180.4830, 7.6499, 19.7474



123.5660, -1.7580, 3.8886



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.



181.7590, -7.7692, 18.6284



222.7880, -11.7275, 28.2499



192.3250, -12.9782, 9.3620



96.1640, -2.0529, 5.1182



70.7660, -34.8876, 83.5202



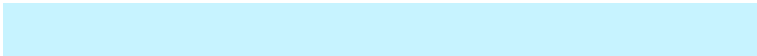
16.0580, -7.9166, 19.2431

Inverse Universe

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



187.2410, 7.7692, -18.6284



231.2120, 11.7275, -28.2499



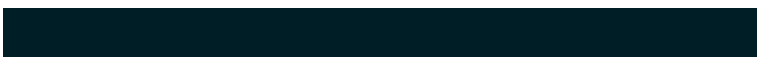
176.6750, 12.9782, -9.3620



97.8360, 2.0529, -5.1182



95.2340, 34.8876, -83.5202



21.9420, 7.9166, -19.2431

Previews

White Background



This preview shows how the YUV color 181.7590, -7.7692, 18.6284 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 181.7590, -7.7692, 18.6284 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 181.7590, -7.7692, 18.6284 Background



This preview shows how black text looks on a background with the YUV color 181.7590, -7.7692, 18.6284.



This preview shows how white text looks on a background with the YUV color 181.7590, -7.7692,

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

181.7590, -7.7692, 18.6284

Protanopia

180.5400, -5.6892, 4.7884

Deuteranopia

181.7590, -7.7692, 18.6284



Tritanopia

182.7620, 1.1033, 19.5027

Trichromacy



Original Color

181.7590, -7.7692, 18.6284

Protanomaly

181.0460, -6.4317, 9.6067

Deuteranomaly

181.7590, -7.7692, 18.6284

Tritanomaly

182.2520, -2.0962, 19.0730

Monochromacy



Original Color

181.7590, -7.7692, 18.6284

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.9470, -2.9319, 7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7590, -7.7692, 18.6284 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(203, 174, 166)` looks like.

```
.text, #text, p{  
    color:rgb(203, 174, 166)  
}
```

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(203, 174, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 174, 166) }
```

Border

The CSS property to change the border of an element to YUV 181.7590, -7.7692, 18.6284 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(203, 174, 166) }
```


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

```
.border{ border-color:rgb(203, 174, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 174, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(203, 174,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 181.7590, -7.7692, 18.6284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 174, 166) }
```

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

```
.background{ background-color: rgb(203,  
174, 166) }
```

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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