

Converting Colors

YUV(217.6000, -23.4668,
13.5058)

Have a look what the booklet for
YUV(217.6000, -23.4668, 13.5058)
contains.

YUV(217.6000, -23.4668, 13.5058)	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(217.6000, -23.4668,
13.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DBAA
RGB	233, 219, 170
RGB Percent	91%, 86%, 67%
CMY	0.0863, 0.1412, 0.3333
CMYK	0.00, 0.06, 0.27, 0.09
HSL	47°, 59%, 79%
HSV	47°, 27%, 91%
XYZ	66.1915, 70.8890, 48.2245
YIQ	217.6000, 24.0730, -12.2710

Conversions

Conversions Part 2

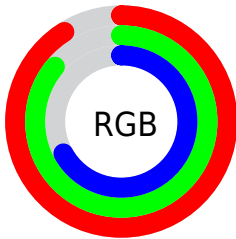
Format	Color
RYB	188, 233, 170
Decimal	15326122
CIELab	87.43, -2.63, 25.88
CIELCh	87, 26.011, 95.808
Yxy	70.8890, 0.3572, 0.3826
Android (android.graphics.Color)	4293516202 (0xFFE9DBAA)
YUV	217.6000, -23.4668, 13.5058
Hunter-Lab	84.1956, -7.0121, 24.9775

Details

The YUV color $217.6000, -23.4668, 13.5058$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $185.4000, 23.4668, -13.5058$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $162.6430, -22.0090, 12.5911$ is the 20% darker color. If you saturate the color by 10%, you get $212.0430, -32.0662, 18.3793$, and if you desaturate by 10%, it is $223.1570, -14.8674, 8.6323$.

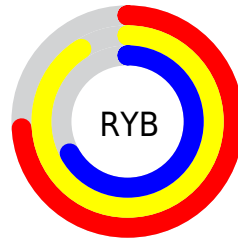
Distribution



Red (91%)

Green (86%)

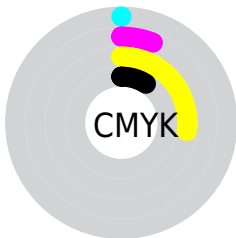
Blue (67%)



Red (74%)

Yellow (91%)

Blue (67%)

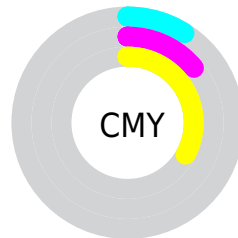


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (9%)



Cyan (9%)

Magenta (14%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.6000, -23.4668, 13.5058 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 217.6000, -23.4668, 13.5058 by changing the saturation by 10% instead.

■ 217.6000,
-23.4668, 13.5058

■ 217.6000,
-23.4668, 13.5058

255.0000, 0.0000,
0.0000

■ 189.4150,
-22.8826, 12.7910

■ 251.6940,
-12.6671, 2.8994

■ 162.6430,
-22.0090, 12.5911

254.8860, -0.4368,
0.1000

■ 136.1590,
-21.2774, 11.2616

■ 110.9740,
-20.6932, 10.5468

■ 86.2020, -19.8196,
10.3468

■ 62.7180, -19.0880,
9.0173

■ 40.1910, -19.8142,

8.6025

■ 21.2750, -10.4886,
4.1438

■ 0.0000, 0.0000,
0.0000

■ 217.6000,
-23.4668, 13.5058

■ 217.6000,
-23.4668, 13.5058

■ 212.0430,
-32.0662, 18.3793

■ 223.1570,
-14.8674, 8.6323

■ 206.3720,
-41.1024, 23.3528

■ 228.8280, -5.8312,
3.6588

■ 200.2280,
-49.4124, 28.7410

■ 234.9720, 2.4788,
-1.7294

■ 194.6710,
-58.0118, 33.6145

■ 239.6170, 7.5838,
-5.8031

■ 189.0000,
-67.0480, 38.5880

■ 242.5520, 6.1369,
-8.3771

■ 183.4430,
-75.6474, 43.4615

■ 245.4870, 4.6899,
-10.9511

■ 177.8860,
-84.2468, 48.3350

■ 248.4220, 3.2430,
-13.5251

■ 175.9140,
-86.7256, 50.0644

Harmonies

Analogous

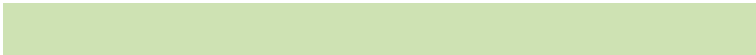
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.0520, -22.2106, 30.6494



217.6000, -23.4668, 13.5058



214.6620, -17.5814, -7.5966

Triad

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



217.6000, -23.4668, 13.5058



209.1920, 18.6393, -51.9114



223.3530, 8.2070, 27.7544

Complementary

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



217.6000, -23.4668, 13.5058



185.4000, 23.4668, -13.5058

Split Complementary

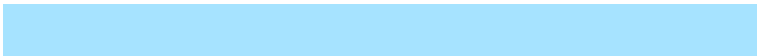
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.3980, 16.5658, 6.6670



217.6000, -23.4668, 13.5058



211.9530, 21.2222, -40.3008

Square

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



217.6000, -23.4668, 13.5058



208.8370, 6.9824, -46.3380



216.8140, 18.8257, -18.2539



218.7420, -1.8448, 31.7983

Rectangle

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



217.6000, -23.4668, 13.5058



212.6970, -10.6966, -22.5363



216.8140, 18.8257, -18.2539



223.2320, 11.7176, 21.7215

Sweetspot

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



217.6000, -23.4668, 13.5058



249.7850, -7.2890, 4.5736



190.5470, -2.7347, 37.2313



124.7570, -4.8102, 2.8441



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.



217.6000, -23.4668, 13.5058



235.0860, -30.6084, 17.4646



220.7350, -25.0124, -4.1526



114.5720, -4.2260, 2.1294



136.8860, -67.4848, 38.6880



40.8000, -20.1144, 11.5764

Inverse Universe

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



185.4000, 23.4668, -13.5058



193.5010, 30.3190, -17.9794



182.2650, 25.0124, 4.1526



108.4280, 4.2260, -2.1294



44.1140, 67.4848, -38.6880



13.2000, 20.1144, -11.5764

Previews

White Background



This preview shows how the YUV color 217.6000, -23.4668, 13.5058 looks on a white background.

Color Contrast Check

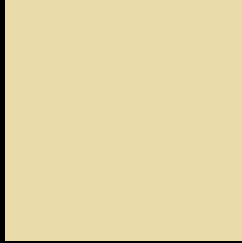
Large Text (above 18pt) WCAG AA × Fail

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 217.6000, -23.4668, 13.5058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

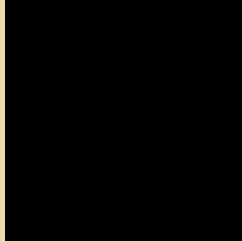
Any Text WCAG AA ✓ Pass

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 217.6000, -23.4668, 13.5058 Background



This preview shows how black text looks on a background with the YUV color 217.6000, -23.4668, 13.5058.

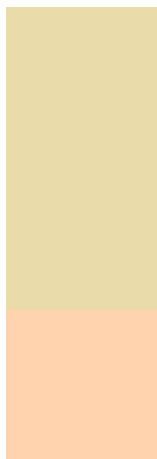


This preview shows how white text looks on a background with the YUV color 217.6000, -23.4668, 13.5058.

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

217.6000, -23.4668, 13.5058

Protanopia

217.8990, -23.6142, 14.1206

Deuteranopia

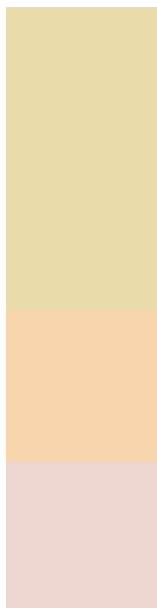
219.9380, -22.6474, 30.7494



Tritanopia

221.6090, 3.1508, 16.1289

Trichromacy



Original Color

217.6000, -23.4668, 13.5058

Protanomaly

217.8990, -23.6142, 14.1206

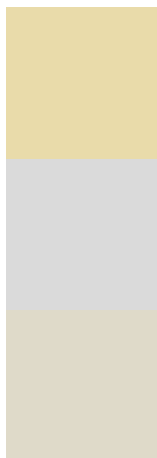
Deuteranomaly

219.1930, -22.7731, 24.3867

Tritanomaly

220.0790, -6.4479, 14.8397

Monochromacy



Original Color

217.6000, -23.4668, 13.5058

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.5570, -8.1626, 4.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6000, -23.4668, 13.5058 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(233, 219, 170)` looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 170)  
}
```

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(233, 219, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 170) }
```

Border

The CSS property to change the border of an element to YUV 217.6000, -23.4668, 13.5058 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(233, 219, 170) }
```


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

```
.border{ border-color:rgb(233, 219, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 219, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 219, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 219, 170);  
box-shadow:4px 4px 4px 4px rgb(233, 219,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 217.6000, -23.4668, 13.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 170) }
```

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

```
.background{ background-color: rgb(233,  
219, 170) }
```

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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