

Converting Colors

YUV(206.8620, -7.3270,
16.7840)

Have a look what the booklet for
YUV(206.8620, -7.3270, 16.7840)
contains.

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Color

**YUV(206.8620, -7.3270,
16.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C8C0
RGB	226, 200, 192
RGB Percent	89%, 78%, 75%
CMY	0.1137, 0.2157, 0.2471
CMYK	0.00, 0.12, 0.15, 0.11
HSL	14°, 37%, 82%
HSV	14°, 15%, 89%
XYZ	61.5327, 61.2831, 58.4549
YIQ	206.8620, 18.0640, 3.0240

Conversions

Conversions Part 2

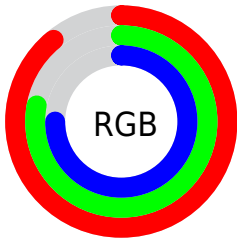
Format	Color
R_{YB}	226, 202, 192
Decimal	14862528
CIE Lab	82.53, 7.84, 7.33
CIE LCh	83, 10.733, 43.087
Yxy	61.2831, 0.3395, 0.3381
Android (android.graphics.Color)	4293052608 (0xFFE2C8C0)
YUV	206.8620, -7.3270, 16.7840
Hunter-Lab	78.2835, 3.3092, 10.5262

Details

The YUV color $206.8620, -7.3270, 16.7840$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $211.1380, 7.3270, -16.7840$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.2020, -3.0576, 0.6998$, and $152.3780, -6.5954, 15.4545$ is the 20% darker color. If you saturate the color by 10%, you get $194.2610, -12.4537, 27.8351$, and if you desaturate by 10%, it is $219.4630, -2.2003, 5.7329$.

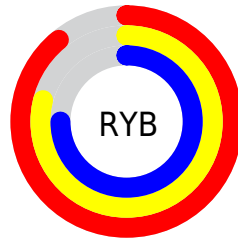
Distribution



Red (89%)

Green (78%)

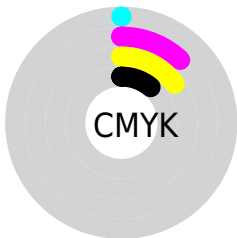
Blue (75%)



Red (89%)

Yellow (79%)

Blue (75%)

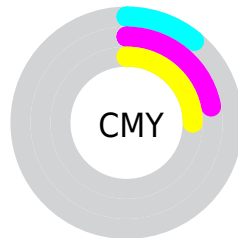


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.8620, -7.3270, 16.7840 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 206.8620, -7.3270, 16.7840 by changing the saturation by 10% instead.

 206.8620, -7.3270,
16.7840


 206.8620, -7.3270,
16.7840


255.0000, 0.0000,
0.0000


 179.5630, -7.1796,
16.1692


 254.2020, -3.0576,
0.6998

 152.3780, -6.5954,
15.4545

 126.3780, -6.5954,
15.4545

 101.7800, -6.3005,
14.2249

 77.4810, -6.1531,
13.6102

 54.2960, -5.5689,
12.8954

 32.8120, -4.8373,

11.5659

■ 9.5350, -4.7008,
14.4398

■ 0.0000, 0.0000,
0.0000

■ 206.8620, -7.3270,
16.7840

■ 206.8620, -7.3270,
16.7840

■ 194.2610,
-12.4537, 27.8351

■ 219.4630, -2.2003,
5.7329

■ 181.1870,
-16.8542, 39.3010

■ 232.5370, 2.2003,
-5.7329

■ 168.5860,
-21.9809, 50.3521

■ 244.5680, 5.1430,
-16.2841

■ 156.0990,
-26.6708, 61.3032

■ 246.3290, 4.2748,
-17.8285

■ 143.4980,
-31.7975, 72.3543

■ 130.3100,
-36.6348, 83.9201

■ 117.8230,
-41.3247, 94.8712

■ 105.2220,
-46.4514, 105.9223

■ 98.6850, -48.6517,
111.6553

Harmonies

Analogous

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



207.6000, -3.2538, 17.0138



206.8620, -7.3270, 16.7840



205.8460, -9.7841, 11.5361

Triad

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



206.8620, -7.3270, 16.7840



202.4560, -1.7038, -13.5549



205.7850, 9.4730, -5.0734

Complementary

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



206.8620, -7.3270, 16.7840



211.1380, 7.3270, -16.7840

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.



204.1430, 9.7895, -13.2804



206.8620, -7.3270, 16.7840



201.9160, 3.9854, -18.3433

Square

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



206.8620, -7.3270, 16.7840



203.2460, -6.5303, -5.4777



202.6540, 8.0586, -18.1136



206.7540, 6.5303, 5.4777

Rectangle

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



206.8620, -7.3270, 16.7840



205.1120, -9.9152, 6.9178



202.6540, 8.0586, -18.1136



205.1760, 9.7732, -8.0474

Sweetspot

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



206.8620, -7.3270, 16.7840



247.6480, -2.7845, 6.4477



205.1300, 6.3449, 18.3030



123.5660, -1.7580, 3.8886



0.0000, 0.0000, 0.0000



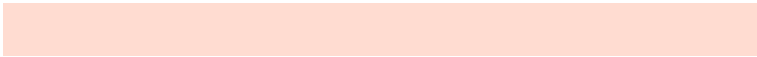
128.0000, 0.0000, 0.0000

Same Dimension

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



206.8620, -7.3270, 16.7840



229.2110, -9.9640, 22.6170



216.8410, -12.2466, 8.0324



106.0500, -2.4896, 5.2182



76.6910, -37.8087, 87.0940



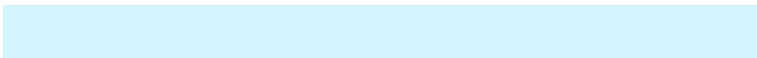
20.8090, -10.2588, 23.8465

Inverse Universe

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



211.1380, 7.3270, -16.7840



234.7890, 9.9640, -22.6170



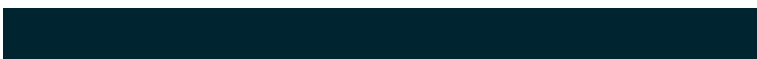
201.1590, 12.2466, -8.0324



107.5370, 2.2003, -5.7329



99.3090, 37.8087, -87.0940



27.1910, 10.2588, -23.8465

Previews

White Background



This preview shows how the YUV color 206.8620, -7.3270, 16.7840 looks on a white background.

Color Contrast Check

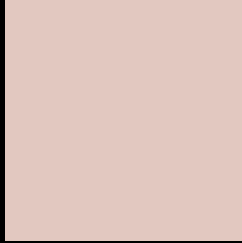
Large Text (above 18pt) WCAG AA × Fail

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 206.8620, -7.3270, 16.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

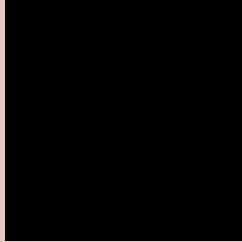
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.8620, -7.3270, 16.7840

Background



This preview shows how black text looks on a background with the YUV color 206.8620, -7.3270, 16.7840.

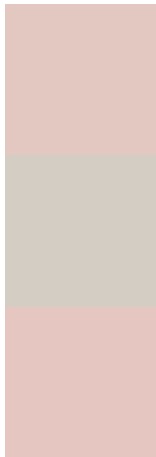


This preview shows how white text looks on a background with the YUV color 206.8620, -7.3270,

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

206.8620, -7.3270, 16.7840

Protanopia

205.9530, -5.3998, 5.3032

Deuteranopia

206.8840, -7.3378, 20.2727



Tritanopia

208.2780, 1.8349, 18.1732

Trichromacy



Original Color

206.8620, -7.3270, 16.7840

Protanomaly

206.1600, -5.9949, 9.5067

Deuteranomaly

207.1720, -7.4798, 19.1432

Tritanomaly

207.7680, -1.3646, 17.7435

Monochromacy



Original Color

206.8620, -7.3270, 16.7840

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.8620, -7.3270, 16.7840 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(226, 200, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 200, 192)  
}
```

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(226, 200, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 200, 192) }
```

Border

The CSS property to change the border of an element to YUV 206.8620, -7.3270, 16.7840 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(226, 200, 192) }
```


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

```
.border{ border-color:rgb(226, 200, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 200, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 200, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 200, 192);  
box-shadow:4px 4px 4px 4px rgb(226, 200,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 206.8620, -7.3270, 16.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 200, 192) }
```

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

```
.background{ background-color: rgb(226,  
200, 192) }
```

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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