

Converting Colors

YUV(200.4960, 21.4475,
27.6290)

Have a look what the booklet for
YUV(200.4960, 21.4475, 27.6290)
contains.

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Color

**YUV(200.4960, 21.4475,
27.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0F4
RGB	232, 176, 244
RGB Percent	91%, 69%, 96%
CMY	0.0902, 0.3098, 0.0431
CMYK	0.05, 0.28, 0.00, 0.04
HSL	289°, 76%, 82%
HSV	289°, 28%, 96%
XYZ	65.1332, 54.7381, 92.7206
YIQ	200.4960, 11.5480, 33.0200

Conversions

Conversions Part 2

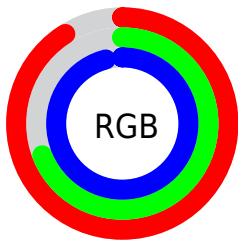
Format	Color
R _Y B	232, 176, 244
Decimal	15249652
CIE Lab	78.89, 31.81, -25.97
CIE LCh	79, 41.060, 320.773
Yxy	54.7381, 0.3064, 0.2575
Android (android.graphics.Color)	4293439732 (0xFFE8B0F4)
YUV	200.4960, 21.4475, 27.6290
Hunter-Lab	73.9852, 27.6690, -22.5144

Details

The YUV color **200.4960, 21.4475, 27.6290** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **219.5040, -21.4475, -27.6290**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **146.2570, 20.5793, 26.0846** is the 20% darker color. If you saturate the color by 10%, you get **185.2120, 28.9825, 37.5251**, and if you desaturate by 10%, it is **215.7800, 13.9125, 17.7329**.

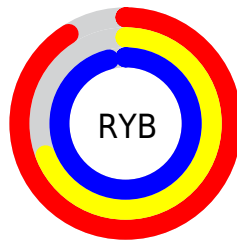
Distribution



Red (91%)

Green (69%)

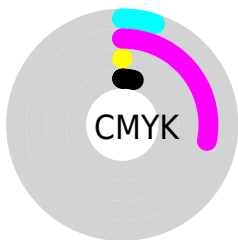
Blue (96%)



Red (91%)

Yellow (69%)

Blue (96%)

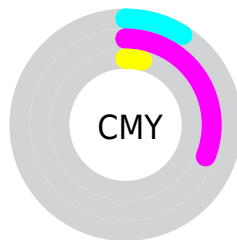


Cyan (5%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (31%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.4960, 21.4475, 27.6290 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 200.4960, 21.4475, 27.6290 by changing the saturation by 10% instead.


 200.4960, 21.4475,
27.6290


 200.4960, 21.4475,
27.6290


255.0000, 0.0000,
0.0000


 172.6700, 20.8687,
26.5994


 241.4990, 6.6560,
11.8404

 146.2570, 20.5793,
26.0846

 119.4310, 20.0005,
25.0550

 94.6050, 19.4217,
24.0254

 69.8930, 19.2798,
22.8958

 46.0670, 18.7010,
21.8662

 22.1810, 19.1378,

21.7663

■ 13.1170, 12.7603,
13.9294

■ 2.4110, 6.6994,
-2.1144

■ 200.4960, 21.4475,
27.6290

■ 200.4960, 21.4475,
27.6290

■ 185.2120, 28.9825,
37.5251

■ 215.7800, 13.9125,
17.7329

■ 169.0420, 36.9543,
47.3212

■ 231.9500, 5.9407,
7.9369

■ 153.7580, 44.4893,
57.2172

■ 247.2340, -1.5944,
-1.9592

■ 137.8870, 52.3137,
67.6281

■ 251.9520, -3.9203,
-2.5889

■ 122.3040, 59.9961,
76.9094

■ 253.4470, -4.6574,
0.4850

■ 107.0200, 67.5311,
86.8055

■ 253.7460, -4.8048,
1.0998

■ 91.1490, 75.3555,
97.2163

■ 87.9150, 76.9499,
99.1755

Harmonies

Analogous

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



195.3170, 29.4237, -10.8020



200.4960, 21.4475, 27.6290



198.1000, 5.3737, 49.9013

Triad

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



200.4960, 21.4475, 27.6290



193.6920, -36.3302, 32.7191



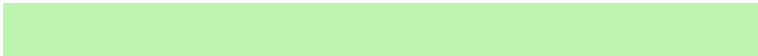
166.3380, 26.9484, -103.7824

Complementary

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



200.4960, 21.4475, 27.6290



219.5040, -21.4475, -27.6290

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.



176.8530, 2.5375, -67.4001



200.4960, 21.4475, 27.6290



190.0150, -33.0384, 3.4948

Square

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



200.4960, 21.4475, 27.6290



195.2890, -28.2435, 52.3665



184.7640, -19.1107, -30.4880



168.8450, 41.4884, -100.7191

Rectangle

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



200.4960, 21.4475, 27.6290



194.5490, -5.6937, 53.0155



184.7640, -19.1107, -30.4880



169.9390, 18.7641, -92.0315

Sweetspot

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



200.4960, 21.4475, 27.6290



242.0640, 6.3774, 7.8369



190.7960, 26.2296, -12.9761



119.4720, 4.2043, 4.8481



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.



200.4960, 21.4475, 27.6290



201.2070, 26.5199, 34.0215



201.5760, 10.0690, 37.2058



114.3580, 3.7675, 4.9480



66.9510, 58.6912, 75.4650



21.0780, 18.6955, 23.6106

Inverse Universe

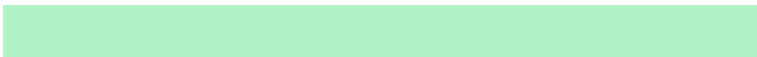
The Inverse Universe completely reimagines the original color for something new.



197.7000, -4.7821, 40.6051



197.8260, -5.8302, 50.1416



218.4240, -10.0690, -37.2058



113.8160, -0.8953, 7.1774



59.3760, -13.0034, 111.0492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 200.4960, 21.4475, 27.6290 looks on a white background.

Color Contrast Check

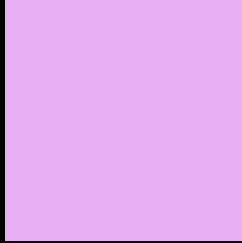
Large Text (above 18pt) WCAG AA × Fail

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 200.4960, 21.4475, 27.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

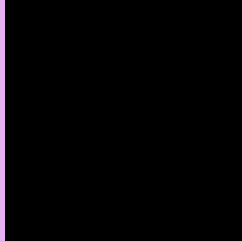
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.4960, 21.4475, 27.6290

Background



This preview shows how black text looks on a background with the YUV color 200.4960, 21.4475, 27.6290.



This preview shows how white text looks on a background with the YUV color 200.4960, 21.4475,

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

200.4960, 21.4475, 27.6290

Protanopia

195.8820, 29.1452, -14.8055

Deuteranopia

197.5860, 21.4031, -4.8989



Tritanopia

198.5560, 0.2189, 23.1914

Trichromacy



Original Color

200.4960, 21.4475, 27.6290



Protanomaly

197.5850, 26.3336, 0.3640



Deuteranomaly

198.6630, 21.3651, 7.3115



Tritanomaly

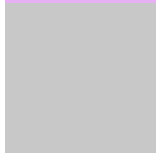
199.5160, 7.6336, 24.9805

Monochromacy



Original Color

200.4960, 21.4475, 27.6290



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.1290, 7.8244, 10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.4960, 21.4475, 27.6290 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(232, 176, 244)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 244)  
}
```

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(232, 176, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 244) }
```

Border

The CSS property to change the border of an element to YUV 200.4960, 21.4475, 27.6290 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(232, 176, 244) }
```


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

```
.border{ border-color:rgb(232, 176, 244) }
```

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

Here you see how a box with a 4 pixel rgb(232, 176, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 244);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 200.4960, 21.4475, 27.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 244) }
```

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

```
.background{ background-color: rgb(232,  
176, 244) }
```

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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