

Converting Colors

YUV(202.7040, 12.4709,
13.4146)

Have a look what the booklet for
YUV(202.7040, 12.4709, 13.4146)
contains.

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Color

**YUV(202.7040, 12.4709,
13.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	DABEE4
RGB	218, 190, 228
RGB Percent	85%, 75%, 89%
CMY	0.1451, 0.2549, 0.1059
CMYK	0.04, 0.17, 0.00, 0.11
HSL	284°, 41%, 82%
HSV	284°, 17%, 89%
XYZ	61.3305, 57.3338, 81.2328
YIQ	202.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

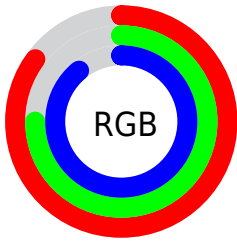
Format	Color
R _Y B	218, 190, 228
Decimal	14335716
CIE _{Lab}	80.37, 16.69, -15.24
CIE _{LCh}	80, 22.604, 317.595
Yxy	57.3338, 0.3068, 0.2868
Android (android.graphics.Color)	4292525796 (0xFFDABEE4)
YUV	202.7040, 12.4709, 13.4146
Hunter-Lab	75.7191, 12.0720, -10.6041

Details

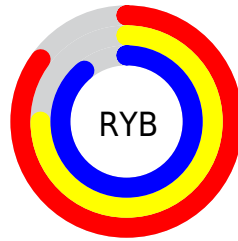
The YUV color **202.7040, 12.4709, 13.4146** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **215.2960, -12.4709, -13.4146**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7170, 2.6045, 4.6332**, and **148.8780, 11.8921, 12.3850** is the 20% darker color. If you saturate the color by 10%, you get **187.4090, 20.0114, 21.5663**, and if you desaturate by 10%, it is **217.9990, 4.9305, 5.2629**.

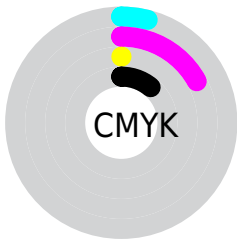
Distribution



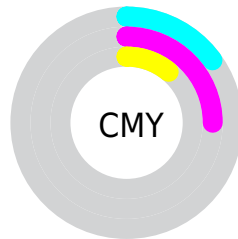
- Red (85%)
- Green (75%)
- Blue (89%)



- Red (85%)
- Yellow (75%)
- Blue (89%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.7040, 12.4709, 13.4146 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 202.7040, 12.4709, 13.4146 by changing the saturation by 10% instead.

■ 202.7040, 12.4709,
13.4146

■ 202.7040, 12.4709,
13.4146

255.0000, 0.0000,
0.0000

■ 175.2910, 12.1815,
12.8998

■ 249.7170, 2.6045,
4.6332

■ 148.8780, 11.8921,
12.3850

■ 122.4650, 11.6028,
11.8702

■ 97.9380, 10.8766,
11.4554

■ 73.5250, 10.5872,
10.9406

■ 51.1120, 10.2978,
10.4258

■ 29.2860, 9.7190,

9.3962

■ 9.8840, 9.4242,
10.6257

■ 0.0000, 0.0000,
0.0000

■ 202.7040, 12.4709,
13.4146

■ 202.7040, 12.4709,
13.4146

■ 187.4090, 20.0114,
21.5663

■ 217.9990, 4.9305,
5.2629

■ 172.1140, 27.5518,
29.7180

■ 233.2940, -2.6099,
-2.8888

■ 157.4060, 34.8028,
37.3549

■ 246.2410, -8.9928,
-8.9814

■ 142.1110, 42.3433,
45.5067

■ 248.0350, -9.8773,
-5.2927

■ 126.8160, 49.8837,
53.6584

■ 249.8290,
-10.7617, -1.6040

■ 111.5210, 57.4241,
61.8101

■ 251.6230,
-11.6461, 2.0846

■ 96.2260, 64.9646,
69.9618

■ 251.9220,
-11.7935, 2.6994

■ 81.5180, 72.2156,
77.5987

■ 76.2240, 74.8256,
80.4876

Harmonies

Analogous

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



200.2930, 19.0826, -7.2730



202.7040, 12.4709, 13.4146



202.9850, 2.9654, 28.9542

Triad

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



202.7040, 12.4709, 13.4146



199.5670, -19.9995, 21.4277



190.3690, 10.1711, -42.4196

Complementary

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



202.7040, 12.4709, 13.4146



215.2960, -12.4709, -13.4146

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.



192.1610, -1.0654, -31.7132



202.7040, 12.4709, 13.4146



197.0980, -18.7823, 4.2991

Square

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



202.7040, 12.4709, 13.4146



201.6700, -16.1063, 32.7384



194.6980, -12.1761, -14.6441



192.2580, 18.6068, -41.4453

Rectangle

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



202.7040, 12.4709, 13.4146



202.5960, -3.7448, 34.5573



194.6980, -12.1761, -14.6441



191.3540, 6.2345, -39.7755

Sweetspot

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



202.7040, 12.4709, 13.4146



246.4720, 4.2043, 4.8481



200.2020, 13.7044, -8.9472



122.4070, 2.7573, 2.2741



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.



202.7040, 12.4709, 13.4146



221.1760, 16.6752, 18.2626



204.6680, 7.0657, 20.4622



107.0590, 3.9149, 4.3333



59.8740, 58.7291, 63.2545



17.1760, 16.6752, 18.2626

Inverse Universe

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



202.5020, -1.2335, 22.3617



220.7310, -1.8394, 30.0539



213.3320, -7.0657, -20.4622



106.9300, -0.4585, 7.0774



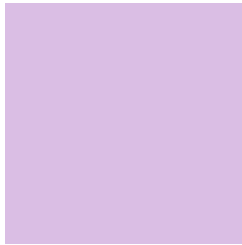
58.8790, -5.8563, 105.3461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 202.7040, 12.4709, 13.4146 looks on a white background.

Color Contrast Check

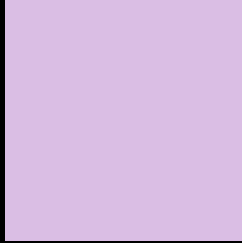
Large Text (above 18pt) WCAG AA × Fail

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 202.7040, 12.4709, 13.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

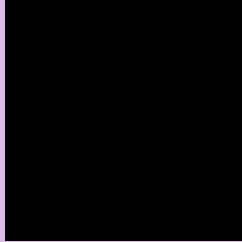
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.7040, 12.4709, 13.4146

Background



This preview shows how black text looks on a background with the YUV color 202.7040, 12.4709, 13.4146.



This preview shows how white text looks on a background with the YUV color 202.7040, 12.4709, 13.4146.

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

202.7040, 12.4709, 13.4146

Protanopia

200.4950, 16.0250, -6.5731

Deuteranopia

201.3500, 12.6455, 4.0781



Tritanopia

201.4020, 3.7458, 11.9254

Trichromacy



Original Color

202.7040, 12.4709, 13.4146

Protanomaly

201.1970, 14.6929, 0.7042

Deuteranomaly

201.9590, 12.3452, 7.0520

Tritanomaly

201.9120, 6.9454, 12.3552

Monochromacy



Original Color

202.7040, 12.4709, 13.4146

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.5860, 4.6411, 4.7481

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.7040, 12.4709, 13.4146 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(218, 190, 228)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 228)  
}
```

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(218, 190, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 228) }
```

Border

The CSS property to change the border of an element to YUV 202.7040, 12.4709, 13.4146 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(218, 190, 228) }
```


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

```
.border{ border-color:rgb(218, 190, 228) }
```

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

Here you see how a box with a 4 pixel rgb(218, 190, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 228);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 202.7040, 12.4709, 13.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 228) }
```

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

```
.background{ background-color: rgb(218,  
190, 228) }
```

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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