

Converting Colors

YUV(217.4800, 12.0884,
-3.9290)

Have a look what the booklet for
YUV(217.4800, 12.0884, -3.9290)
contains.

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Color

**YUV(217.4800, 12.0884,
-3.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D7F2
RGB	213, 215, 242
RGB Percent	84%, 84%, 95%
CMY	0.1647, 0.1569, 0.0510
CMYK	0.12, 0.11, 0.00, 0.05
HSL	236°, 53%, 89%
HSV	236°, 12%, 95%
XYZ	67.7680, 69.1578, 93.7814
YIQ	217.4800, -9.8590, 7.9730

Conversions

Conversions Part 2

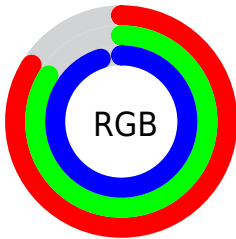
Format	Color
R _Y B	213, 215, 242
Decimal	14014450
CIE Lab	86.58, 4.52, -13.42
CIE LCh	87, 14.164, 288.601
Yxy	69.1578, 0.2937, 0.2998
Android (android.graphics.Color)	4292204530 (0xFFD5D7F2)
YUV	217.4800, 12.0884, -3.9290
Hunter-Lab	83.1612, -0.0725, -8.6489

Details

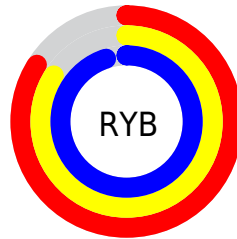
The YUV color $217.4800, 12.0884, -3.9290$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $237.5200, -12.0884, 3.9290$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.3660, 11.6516, -3.8290$ is the 20% darker color. If you saturate the color by 10%, you get $196.8030, 22.2821, -6.8432$, and if you desaturate by 10%, it is $238.1570, 1.8946, -1.0147$.

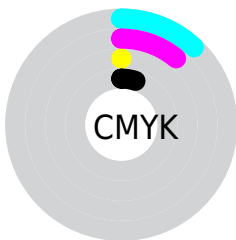
Distribution



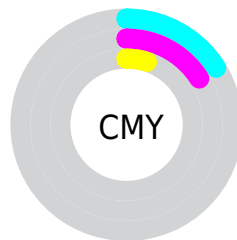
- Red (84%)
- Green (84%)
- Blue (95%)



- Red (84%)
- Yellow (84%)
- Blue (95%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.4800, 12.0884, -3.9290 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 217.4800, 12.0884, -3.9290 by changing the saturation by 10% instead.

■ 217.4800, 12.0884,
-3.9290

■ 217.4800, 12.0884,
-3.9290

255.0000, 0.0000,
0.0000

■ 189.4800, 12.0884,
-3.9290

■ 162.3660, 11.6516,
-3.8290

■ 136.2520, 11.2148,
-3.7290

■ 111.1380, 10.7780,
-3.6290

■ 86.6110, 10.0518,
-4.0438

■ 63.4970, 9.6150,
-3.9439

■ 41.3830, 9.1782,

-3.8439

■ 20.2690, 8.7414,
-3.7439

■ 2.5250, 7.1362,
-2.2144

■ 217.4800, 12.0884,
-3.9290

■ 217.4800, 12.0884,
-3.9290

■ 196.8030, 22.2821,
-6.8432

■ 238.1570, 1.8946,
-1.0147

■ 176.7130, 32.1865,
-10.2723

■ 253.5180, -5.6784,
1.2997

■ 155.7370, 42.5277,
-13.8013

■ 135.6470, 52.4320,
-17.2304

■ 114.9700, 62.6258,
-20.1447

■ 94.8800, 72.5302,
-23.5738

■ 74.2030, 82.7239,
-26.4880

■ 53.8140, 92.7757,
-30.5319

■ 37.5670, 100.7855,
-32.9463

Harmonies

Analogous

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



215.1580, 13.7261, -15.9246



217.4800, 12.0884, -3.9290



219.1180, 7.8298, 8.6665

Triad

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



217.4800, 12.0884, -3.9290



218.3850, -10.5428, 21.5874



212.3520, -0.6665, -19.6027

Complementary

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



217.4800, 12.0884, -3.9290



237.5200, -12.0884, 3.9290

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.



213.6970, -7.2456, -9.3813



217.4800, 12.0884, -3.9290



217.0590, -12.8471, 13.9803

Square

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



217.4800, 12.0884, -3.9290



219.4760, -5.1647, 23.2615



215.2210, -11.9410, 3.3142



212.4420, 6.1911, -25.8206

Rectangle

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



217.4800, 12.0884, -3.9290



219.7230, 3.5876, 16.0289



215.2210, -11.9410, 3.3142



212.9780, -3.4402, -16.6437

Sweetspot

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



217.4800, 12.0884, -3.9290



246.7270, 4.0786, -1.5146



233.1010, 3.4012, -17.6286



122.3850, 2.7682, -1.2146



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.



217.4800, 12.0884, -3.9290



224.8650, 14.8566, -5.1436



219.8940, 10.8983, 4.4780



109.9550, 4.9522, -1.7145



28.6070, 76.6087, -25.0883



8.7320, 23.3031, -7.6580

Inverse Universe

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



221.8990, -3.4012, 17.6286



230.1060, -3.9963, 21.8320



235.1060, -10.8983, -4.4780



111.7020, -1.3321, 7.2773



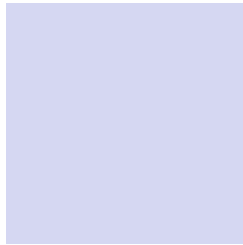
56.4980, -21.4445, 111.8193



17.2000, -6.5076, 34.0276

Previews

White Background



This preview shows how the YUV color 217.4800, 12.0884, -3.9290 looks on a white background.

Color Contrast Check

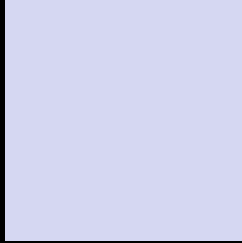
Large Text (above 18pt) WCAG AA × Fail

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 217.4800, 12.0884, -3.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

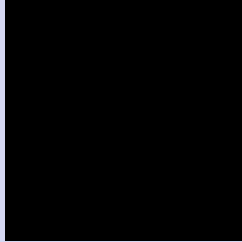
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.4800, 12.0884, -3.9290

Background



This preview shows how black text looks on a background with the YUV color 217.4800, 12.0884, -3.9290.



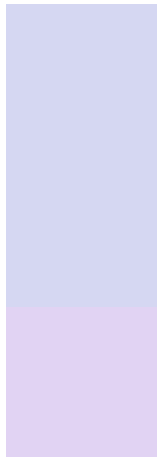
This preview shows how white text looks on a background with the YUV color 217.4800, 12.0884, -3.9290.

-3.9290.

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

217.4800, 12.0884, -3.9290

Protanopia

217.4800, 12.0884, -3.9290

Deuteranopia

218.8340, 11.9138, 5.4076



Tritanopia

216.8560, 8.4520, -4.2587

Trichromacy



Original Color

217.4800, 12.0884, -3.9290

Protanomaly

217.4800, 12.0884, -3.9290

Deuteranomaly

218.2250, 12.2141, 2.4337

Tritanomaly

217.1980, 9.7624, -4.5586

Monochromacy



Original Color

217.4800, 12.0884, -3.9290

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.4800, 12.0884, -3.9290 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(213, 215, 242)` looks like.

```
.text, #text, p{  
    color:rgb(213, 215, 242)  
}
```

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(213, 215, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 215, 242) }
```

Border

The CSS property to change the border of an element to YUV 217.4800, 12.0884, -3.9290 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(213, 215, 242) }
```


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

```
.border{ border-color:rgb(213, 215, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 215, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 215, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 215, 242);  
box-shadow:4px 4px 4px 4px rgb(213, 215,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 217.4800, 12.0884, -3.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 215, 242) }
```

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

```
.background{ background-color: rgb(213,  
215, 242) }
```

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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