

Converting Colors

YUV(217.8150, 4.0352, 12.4402)

Have a look what the booklet for
YUV(217.8150, 4.0352, 12.4402)
contains.

YUV(217.8150, 4.0352, 12.4402)	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(217.8150, 4.0352,
12.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D1E2
RGB	232, 209, 226
RGB Percent	91%, 82%, 89%
CMY	0.0902, 0.1804, 0.1137
CMYK	0.00, 0.10, 0.03, 0.09
HSL	316°, 33%, 86%
HSV	316°, 10%, 91%
XYZ	69.8066, 68.2477, 81.4454
YIQ	217.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

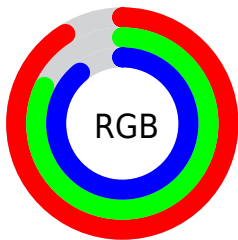
Format	Color
R _Y B	232, 209, 226
Decimal	15258082
CIE Lab	86.13, 10.90, -5.46
CIE LCh	86, 12.194, 333.376
Yxy	68.2477, 0.3180, 0.3109
Android (android.graphics.Color)	4293448162 (0xFFE8D1E2)
YUV	217.8150, 4.0352, 12.4402
Hunter-Lab	82.6122, 6.2598, -0.6241

Details

The YUV color $217.8150, 4.0352, 12.4402$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.1850, -4.0352, -12.4402$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.1030, 3.8932, 11.3107$ is the 20% darker color. If you saturate the color by 10%, you get $203.6300, 8.0704, 24.8805$, and if you desaturate by 10%, it is $232.0000, 0.0000, 0.0000$.

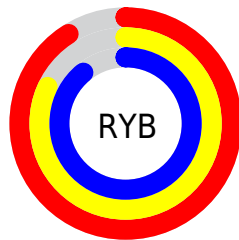
Distribution



Red (91%)

Green (82%)

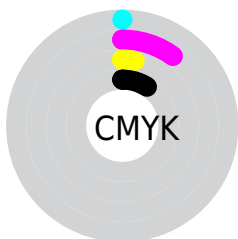
Blue (89%)



Red (91%)

Yellow (82%)

Blue (89%)

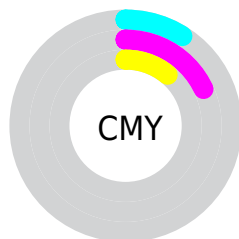


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8150, 4.0352, 12.4402 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 217.8150, 4.0352, 12.4402 by changing the saturation by 10% instead.

217.8150, 4.0352,
12.4402

217.8150, 4.0352,
12.4402

255.0000, 0.0000,
0.0000

189.8150, 4.0352,
12.4402

163.1030, 3.8932,
11.3107

136.9890, 3.4564,
11.4106

111.1030, 3.8932,
11.3107

86.6900, 3.6038,
10.7959

63.2770, 3.3144,
10.2811

41.5650, 3.1725,

9.1515

■ 20.5650, 3.1725,
9.1515

■ 0.0000, 0.0000,
0.0000

■ 217.8150, 4.0352,
12.4402

■ 217.8150, 4.0352,
12.4402

■ 203.6300, 8.0704,
24.8805

■ 232.0000, 0.0000,
0.0000

■ 189.4450, 12.1056,
37.3207

■ 246.1850, -4.0352,
-12.4402

■ 174.6730, 16.4302,
50.2758

■ 246.8690, -1.4144,
-13.0401

■ 160.4880, 20.4654,
62.7160

■ 247.5530, 1.2064,
-13.6400

■ 146.3030, 24.5006,
75.1563

■ 248.1230, 3.3904,
-14.1399

■ 132.1180, 28.5358,
87.5965

■ 117.9330, 32.5710,
100.0368

■ 103.1610, 36.8956,
112.9918

■ 88.9760, 40.9308,
125.4320

Harmonies

Analogous

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



216.7150, 9.0145, 2.0039



217.8150, 4.0352, 12.4402



217.9530, -1.9488, 18.4582

Triad

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



217.8150, 4.0352, 12.4402



215.1830, -10.9362, 7.7325



212.2190, 7.7800, -22.1171

Complementary

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



217.8150, 4.0352, 12.4402



223.1850, -4.0352, -12.4402

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.



211.4490, 2.2436, -19.6878



217.8150, 4.0352, 12.4402



213.9860, -8.8671, -2.6187

Square

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



217.8150, 4.0352, 12.4402



216.0530, -10.3791, 15.7395



212.2990, -3.5984, -12.5402



213.1640, 11.2581, -17.6838

Rectangle

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



217.8150, 4.0352, 12.4402



217.7530, -5.3012, 20.3876



212.2990, -3.5984, -12.5402



211.7630, 6.0328, -21.7172

Sweetspot

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



217.8150, 4.0352, 12.4402



250.0760, 1.4415, 4.3183



213.4160, 9.1619, 1.3892



124.2500, 0.8628, 3.2887



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.



217.8150, 4.0352, 12.4402



235.8910, 5.4767, 16.7586



216.5610, -0.7696, 13.5400



107.6140, 2.1623, 6.4775



68.5690, 31.2715, 96.8480



19.5810, 9.0806, 27.5545

Inverse Universe

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



217.8150, 4.0352, 12.4402



235.8910, 5.4767, 16.7586



224.4390, 0.7696, -13.5400



107.6140, 2.1623, 6.4775



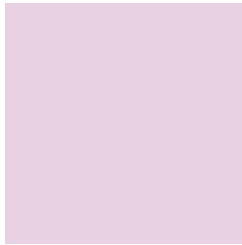
68.5690, 31.2715, 96.8480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 217.8150, 4.0352, 12.4402 looks on a white background.

Color Contrast Check

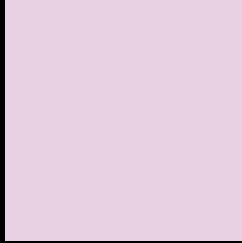
Large Text (above 18pt) WCAG AA × Fail

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 217.8150, 4.0352, 12.4402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

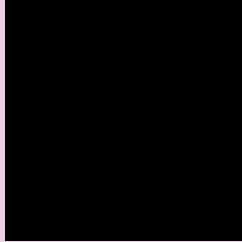
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.8150, 4.0352, 12.4402

Background



This preview shows how black text looks on a background with the YUV color 217.8150, 4.0352, 12.4402.

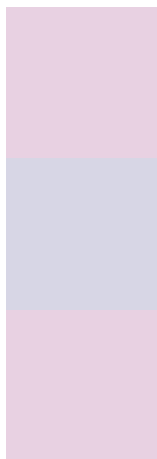


This preview shows how white text looks on a background with the YUV color 217.8150, 4.0352,

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

217.8150, 4.0352, 12.4402

Protanopia

216.0090, 6.4046, -0.8849

Deuteranopia

217.8150, 4.0352, 12.4402



Tritanopia

217.7010, 3.5984, 12.5402

Trichromacy



Original Color

217.8150, 4.0352, 12.4402

Protanomaly

216.5150, 5.6621, 3.9333

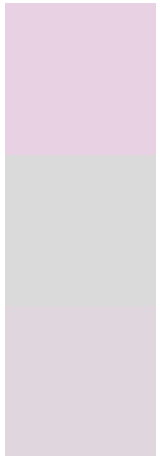
Deuteranomaly

217.8150, 4.0352, 12.4402

Tritanomaly

217.7010, 3.5984, 12.5402

Monochromacy



Original Color

217.8150, 4.0352, 12.4402

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8150, 4.0352, 12.4402 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, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 226)  
}
```

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, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 226) }
```

Border

The CSS property to change the border of an element to YUV 217.8150, 4.0352, 12.4402 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, 209, 226) }
```


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

```
.border{ border-color:rgb(232, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(232, 209,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 217.8150, 4.0352, 12.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 226) }
```

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

```
.background{ background-color: rgb(232,  
209, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor