

Converting Colors

YUV(228.8190, 7.9772, 8.0517)

Have a look what the booklet for
YUV(228.8190, 7.9772, 8.0517)
contains.

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Color

**YUV(228.8190, 7.9772,
8.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDDF5
RGB	238, 221, 245
RGB Percent	93%, 87%, 96%
CMY	0.0667, 0.1333, 0.0392
CMYK	0.03, 0.10, 0.00, 0.04
HSL	282°, 55%, 91%
HSV	282°, 10%, 96%
XYZ	77.5978, 76.4826, 97.0590
YIQ	228.8190, 2.4280, 11.0680

Conversions

Conversions Part 2

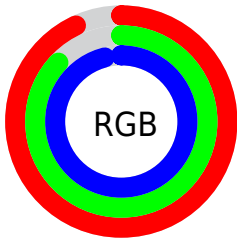
Format	Color
R _{YB}	238, 221, 245
Decimal	15654389
CIE Lab	90.08, 10.06, -9.58
CIE LCh	90, 13.890, 316.395
Yxy	76.4826, 0.3090, 0.3045
Android (android.graphics.Color)	4293844469 (0xFFEEDDF5)
YUV	228.8190, 7.9772, 8.0517
Hunter-Lab	87.4543, 5.3370, -4.5835

Details

The YUV color `228.8190, 7.9772, 8.0517` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `237.1810, -7.9772, -8.0517`, and the grayscale version is `229.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `173.4060, 7.6878, 7.5369` is the 20% darker color. If you saturate the color by 10%, you get `212.0510, 16.2439, 16.6183`, and if you desaturate by 10%, it is `245.5870, -0.2894, -0.5148`.

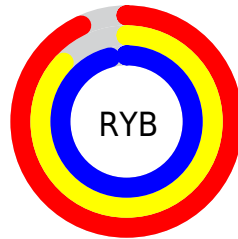
Distribution



Red (93%)

Green (87%)

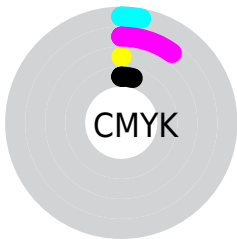
Blue (96%)



Red (93%)

Yellow (87%)

Blue (96%)

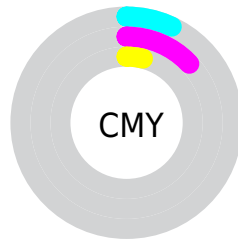


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (7%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.8190, 7.9772, 8.0517 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 228.8190, 7.9772, 8.0517 by changing the saturation by 10% instead.

228.8190, 7.9772,
8.0517

228.8190, 7.9772,
8.0517

255.0000, 0.0000,
0.0000

200.8190, 7.9772,
8.0517

173.4060, 7.6878,
7.5369

146.9930, 7.3985,
7.0221

120.8790, 6.9617,
7.1221

96.4660, 6.6723,
6.6073

72.4660, 6.6723,
6.6073

50.0530, 6.3829,

6.0925

■ 28.6400, 6.0935,
5.5777

■ 6.8790, 6.9617,
7.1221

■ 228.8190, 7.9772,
8.0517

■ 228.8190, 7.9772,
8.0517

■ 212.0510, 16.2439,
16.6183

■ 245.5870, -0.2894,
-0.5148

■ 195.8700, 24.2211,
24.6700

■ 252.9630, -3.9258,
-0.8446

■ 179.1020, 32.4877,
33.2365

■ 253.8600, -4.3680,
0.9998

■ 162.6220, 40.6124,
40.6735

■ 145.8540, 48.8790,
49.2400

■ 129.6730, 56.8562,
57.2918

■ 112.9050, 65.1228,
65.8583

■ 96.7240, 73.1001,
73.9101

■ 79.9560, 81.3667,
82.4766

Harmonies

Analogous

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



227.1810, 12.2358, -4.5437



228.8190, 7.9772, 8.0517



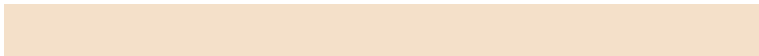
229.2780, 1.8349, 18.1732

Triad

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



228.8190, 7.9772, 8.0517



227.3580, -12.9945, 14.5950



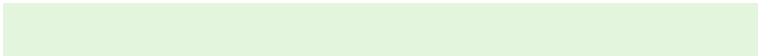
222.6270, 5.6069, -25.1059

Complementary

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



228.8190, 7.9772, 8.0517



237.1810, -7.9772, -8.0517

Split Complementary

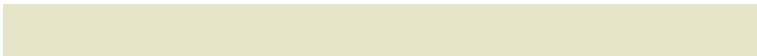
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.5370, -1.2507, -18.8879



228.8190, 7.9772, 8.0517



225.5200, -12.0884, 3.9290

Square

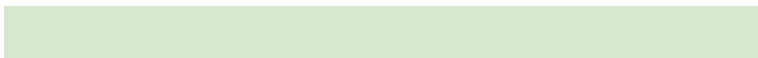
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.8190, 7.9772, 8.0517



228.4990, -10.1060, 21.4874



223.8820, -7.8298, -8.6665



223.0060, 10.8430, -24.5613

Rectangle

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



228.8190, 7.9772, 8.0517



229.4480, -2.6859, 21.5321



223.8820, -7.8298, -8.6665



222.3560, 3.2755, -23.9912

Sweetspot

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



228.8190, 7.9772, 8.0517



249.7060, 2.6099, 2.8888



227.8450, 8.4574, -6.0031



123.8800, 2.0312, 1.8592



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.



228.8190, 7.9772, 8.0517



234.1120, 10.2978, 10.4258



230.3420, 4.7614, 12.8551



114.0590, 3.9149, 4.3333



60.6720, 61.7867, 62.5547



19.2840, 19.5800, 19.9219

Inverse Universe

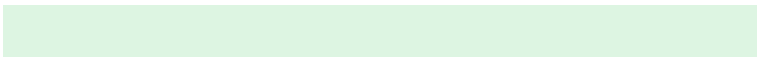
The Inverse Universe completely reimagines the original color for something new.



228.9740, -0.4802, 14.0548



234.2950, -0.6384, 18.1583



235.6580, -4.7614, -12.8551



114.0440, -0.0217, 6.9774



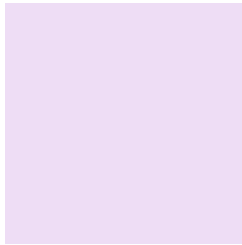
61.7700, -3.8306, 108.9497



19.5790, -1.2714, 34.5722

Previews

White Background



This preview shows how the YUV color 228.8190, 7.9772, 8.0517 looks on a white background.

Color Contrast Check

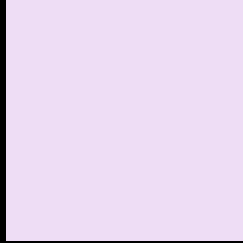
Large Text (above 18pt) WCAG AA × Fail

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 228.8190, 7.9772, 8.0517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

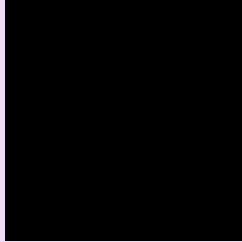
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.8190, 7.9772, 8.0517

Background



This preview shows how black text looks on a background with the YUV color 228.8190, 7.9772, 8.0517.



This preview shows how white text looks on a background with the YUV color 228.8190, 7.9772,

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

228.8190, 7.9772, 8.0517

Protanopia

227.6220, 10.0464, -2.2995

Deuteranopia

228.8300, 7.9718, 9.7961



Tritanopia

228.4230, 5.2145, 7.5220

Trichromacy



Original Color

228.8190, 7.9772, 8.0517

Protanomaly

228.4160, 9.1619, 1.3892

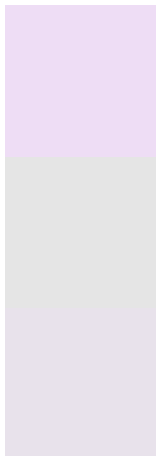
Deuteranomaly

228.5310, 8.1192, 9.1813

Tritanomaly

228.6510, 6.0881, 7.3221

Monochromacy



Original Color

228.8190, 7.9772, 8.0517

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.8190, 7.9772, 8.0517 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(238, 221, 245)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 245)  
}
```

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(238, 221, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 245) }
```

Border

The CSS property to change the border of an element to YUV 228.8190, 7.9772, 8.0517 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(238, 221, 245) }
```


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

```
.border{ border-color:rgb(238, 221, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 245);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 228.8190, 7.9772, 8.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 245) }
```

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

```
.background{ background-color: rgb(238,  
221, 245) }
```

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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