

Converting Colors

YUV(218.8790, 6.9617, 7.1221)

Have a look what the booklet for
YUV(218.8790, 6.9617, 7.1221)
contains.

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Color

**YUV(218.8790, 6.9617,
7.1221)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D4E9
RGB	227, 212, 233
RGB Percent	89%, 83%, 91%
CMY	0.1098, 0.1686, 0.0863
CMYK	0.03, 0.09, 0.00, 0.09
HSL	283°, 32%, 87%
HSV	283°, 9%, 91%
XYZ	69.9300, 69.3011, 86.7815
YIQ	218.8790, 2.1990, 9.7110

Conversions

Conversions Part 2

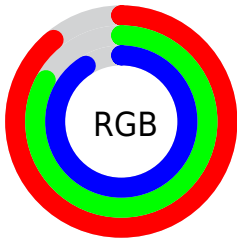
Format	Color
R_{YB}	227, 212, 233
Decimal	14931177
CIE _{Lab}	86.65, 8.91, -8.44
CIE _{LCh}	87, 12.279, 316.547
Yxy	69.3011, 0.3094, 0.3066
Android (android.graphics.Color)	4293121257 (0xFFE3D4E9)
YUV	218.8790, 6.9617, 7.1221
Hunter-Lab	83.2473, 4.2623, -3.5341

Details

The YUV color `218.8790, 6.9617, 7.1221` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `226.1210, -6.9617, -7.1221`, and the grayscale version is `219.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `163.7650, 6.5249, 7.2221` is the 20% darker color. If you saturate the color by 10%, you get `203.2850, 14.6495, 14.6591`, and if you desaturate by 10%, it is `234.4730, -0.7262, -0.4148`.

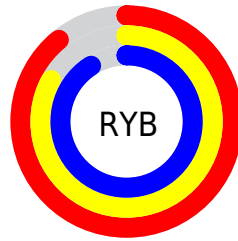
Distribution



Red (89%)

Green (83%)

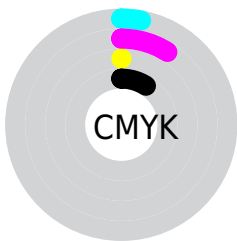
Blue (91%)



Red (89%)

Yellow (83%)

Blue (91%)

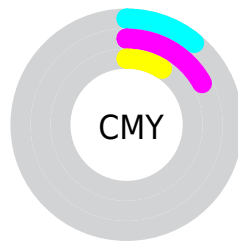


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8790, 6.9617, 7.1221 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 218.8790, 6.9617, 7.1221 by changing the saturation by 10% instead.

■ 218.8790, 6.9617,
7.1221

■ 218.8790, 6.9617,
7.1221

255.0000, 0.0000,
0.0000

■ 190.8790, 6.9617,
7.1221

■ 163.7650, 6.5249,
7.2221

■ 137.4660, 6.6723,
6.6073

■ 112.0530, 6.3829,
6.0925

■ 87.9390, 5.9461,
6.1925

■ 64.5260, 5.6567,
5.6777

■ 42.1130, 5.3673,

5.1629

■ 21.7000, 5.0779,
4.6481

■ 0.7980, 3.0576,
-0.6998

■ 218.8790, 6.9617,
7.1221

■ 218.8790, 6.9617,
7.1221

■ 203.2850, 14.6495,
14.6591

■ 234.4730, -0.7262,
-0.4148

■ 187.4030, 22.4793,
23.3256

■ 248.0070, -7.3985,
-7.0221

■ 171.8090, 30.1672,
30.8625

■ 250.1000, -8.4303,
-2.7187

■ 156.2150, 37.8550,
38.3994

■ 252.1930, -9.4621,
1.5847

■ 140.9200, 45.3954,
46.5512

■ 252.4920, -9.6096,
2.1995

■ 124.7390, 53.3727,
54.6029

■ 109.1450, 61.0605,
62.1398

■ 93.8500, 68.6009,
70.2916

■ 77.6690, 76.5782,
78.3433

Harmonies

Analogous

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



217.7250, 10.4886, -4.1438



218.8790, 6.9617, 7.1221



219.8540, 1.5510, 15.9140

Triad

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



218.8790, 6.9617, 7.1221



217.2160, -10.9525, 12.9656



213.1220, 4.8699, -22.0320

Complementary

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



218.8790, 6.9617, 7.1221



226.1210, -6.9617, -7.1221

Split Complementary

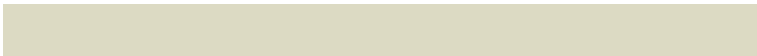
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213.8470, -1.4036, -16.5288



218.8790, 6.9617, 7.1221



215.9760, -10.3412, 3.5290

Square

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



218.8790, 6.9617, 7.1221



218.4170, -9.0796, 18.9283



214.2350, -6.5249, -7.2221



213.6860, 9.5218, -20.7726

Rectangle

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



218.8790, 6.9617, 7.1221



219.2520, -2.0962, 19.0730



214.2350, -6.5249, -7.2221



213.2640, 2.8278, -20.4025

Sweetspot

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



218.8790, 6.9617, 7.1221



249.7060, 2.6099, 2.8888



217.9160, 7.4364, -5.1883



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.



218.8790, 6.9617, 7.1221



236.1720, 9.2822, 9.4962



220.2170, 4.3300, 11.2107



109.6460, 3.6255, 3.8185



59.2050, 60.0449, 61.2102



17.5180, 17.9856, 17.9627

Inverse Universe

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



218.9630, -0.4748, 12.3104



236.2840, -0.6330, 16.4139



224.7830, -4.3300, -11.2107



109.6310, -0.3111, 6.4626



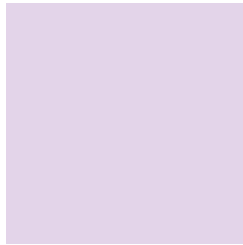
60.0470, -3.9672, 106.0758



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 218.8790, 6.9617, 7.1221 looks on a white background.

Color Contrast Check

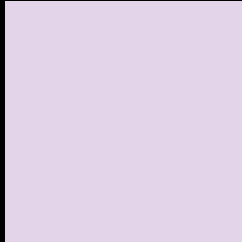
Large Text (above 18pt) WCAG AA × Fail

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 218.8790, 6.9617, 7.1221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

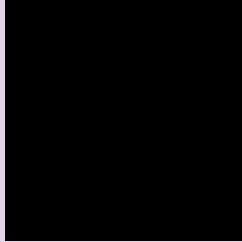
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.8790, 6.9617, 7.1221

Background



This preview shows how black text looks on a background with the YUV color 218.8790, 6.9617, 7.1221.



This preview shows how white text looks on a background with the YUV color 218.8790, 6.9617,

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

218.8790, 6.9617, 7.1221

Protanopia

217.8670, 8.4466, -2.5144

Deuteranopia

219.4880, 6.6614, 10.0960



Tritanopia

218.7110, 5.0725, 6.3925

Trichromacy



Original Color

218.8790, 6.9617, 7.1221

Protanomaly

218.3620, 7.7095, 0.5595

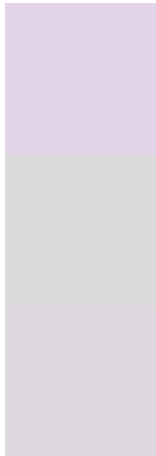
Deuteranomaly

219.1890, 6.8088, 9.4812

Tritanomaly

218.8250, 5.5093, 6.2925

Monochromacy



Original Color

218.8790, 6.9617, 7.1221

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.7060, 2.6099, 2.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8790, 6.9617, 7.1221 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(227, 212, 233)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 233)  
}
```

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(227, 212, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 233) }
```

Border

The CSS property to change the border of an element to YUV 218.8790, 6.9617, 7.1221 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(227, 212, 233) }
```


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

```
.border{ border-color:rgb(227, 212, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 212, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 233);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 218.8790, 6.9617, 7.1221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 233) }
```

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

```
.background{ background-color: rgb(227,  
212, 233) }
```

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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