

Converting Colors

YUV(218.1520, 2.8831, 8.6367)

Have a look what the booklet for
YUV(218.1520, 2.8831, 8.6367)
contains.

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Color

**YUV(218.1520, 2.8831,
8.6367)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D4E0
RGB	228, 212, 224
RGB Percent	89%, 83%, 88%
CMY	0.1059, 0.1686, 0.1216
CMYK	0.00, 0.07, 0.02, 0.11
HSL	315°, 23%, 86%
HSV	315°, 7%, 89%
XYZ	68.9929, 68.9628, 80.1958
YIQ	218.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

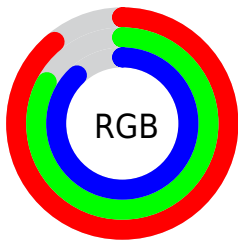
Format	Color
R _Y B	228, 212, 224
Decimal	14996704
CIE Lab	86.49, 7.61, -3.92
CIE LCh	86, 8.559, 332.753
Yxy	68.9628, 0.3163, 0.3161
Android (android.graphics.Color)	4293186784 (0xFFE4D4E0)
YUV	218.1520, 2.8831, 8.6367
Hunter-Lab	83.0438, 2.9714, 0.8740

Details

The YUV color `218.1520, 2.8831, 8.6367` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `221.8480, -2.8831, -8.6367`, 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 `163.1520, 2.8831, 8.6367` is the 20% darker color. If you saturate the color by 10%, you get `203.9670, 6.9183, 21.0769`, and if you desaturate by 10%, it is `232.3370, -1.1521, -3.8035`.

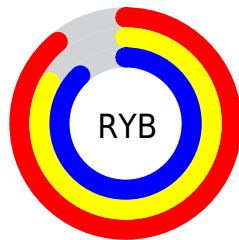
Distribution



Red (89%)

Green (83%)

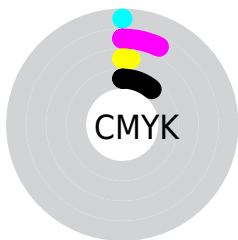
Blue (88%)



Red (89%)

Yellow (83%)

Blue (88%)

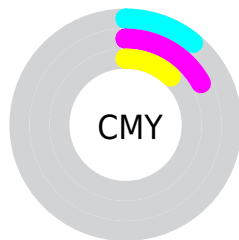


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1520, 2.8831, 8.6367 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 218.1520, 2.8831, 8.6367 by changing the saturation by 10% instead.

■ 218.1520, 2.8831,
8.6367

■ 218.1520, 2.8831,
8.6367

255.0000, 0.0000,
0.0000

■ 190.1520, 2.8831,
8.6367

■ 163.1520, 2.8831,
8.6367

■ 136.7390, 2.5937,
8.1219

■ 111.4400, 2.7411,
7.5071

■ 87.0270, 2.4517,
6.9923

■ 64.0270, 2.4517,
6.9923

■ 41.6140, 2.1623,

6.4775

■ 21.3150, 2.3097,
5.8627

■ 0.0000, 0.0000,
0.0000

■ 218.1520, 2.8831,
8.6367

■ 218.1520, 2.8831,
8.6367

■ 203.9670, 6.9183,
21.0769

■ 232.3370, -1.1521,
-3.8035

■ 189.8960, 11.3903,
33.4172

■ 244.6470, -4.7560,
-14.5994

■ 176.2980, 15.1361,
45.3427

■ 245.3310, -2.1352,
-15.1993

■ 162.1130, 19.1713,
57.7829

■ 246.0150, 0.4856,
-15.7992

■ 147.9280, 23.2065,
70.2231

■ 246.6990, 3.1064,
-16.3990

■ 133.8570, 27.6785,
82.5634

■ 246.9270, 3.9800,
-16.5990

■ 119.6720, 31.7137,
95.0037

■ 106.0740, 35.4595,
106.9291

■ 92.0030, 39.9315,
119.2694

Harmonies

Analogous

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



217.3190, 6.2517, 1.4742



218.1520, 2.8831, 8.6367



218.1480, -1.0590, 13.0252

Triad

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



218.1520, 2.8831, 8.6367



216.2690, -8.0206, 5.9031



214.2800, 5.2850, -15.1546

Complementary

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



218.1520, 2.8831, 8.6367



221.8480, -2.8831, -8.6367

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.



213.6670, 1.6432, -13.7400



218.1520, 2.8831, 8.6367



215.3820, -6.1043, -2.0890

Square

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



218.1520, 2.8831, 8.6367



216.8290, -7.3107, 11.5510



214.5490, -2.7357, -9.2515



214.9860, 7.8949, -12.2657

Rectangle

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



218.1520, 2.8831, 8.6367



217.7630, -3.8272, 14.2398



214.5490, -2.7357, -9.2515



213.9380, 3.9746, -14.8546

Sweetspot

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



218.1520, 2.8831, 8.6367



251.9510, 1.0102, 2.6740



215.0200, 6.3991, 0.8595



126.1250, 0.4314, 1.6444



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.



218.1520, 2.8831, 8.6367



242.6900, 3.6038, 10.7959



217.2400, -0.6113, 9.4365



107.6140, 2.1623, 6.4775



68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Inverse Universe

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



218.1520, 2.8831, 8.6367



242.6900, 3.6038, 10.7959



222.7600, 0.6113, -9.4365



107.6140, 2.1623, 6.4775



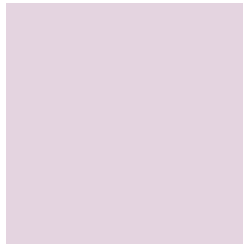
68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 218.1520, 2.8831, 8.6367 looks on a white background.

Color Contrast Check

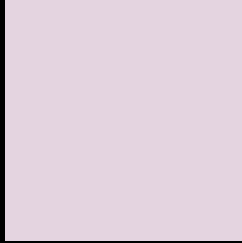
Large Text (above 18pt) WCAG AA × Fail

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 218.1520, 2.8831, 8.6367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

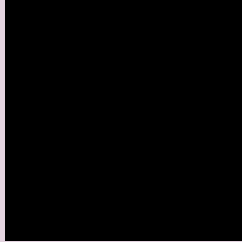
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.1520, 2.8831, 8.6367

Background



This preview shows how black text looks on a background with the YUV color 218.1520, 2.8831, 8.6367.



This preview shows how white text looks on a background with the YUV color 218.1520, 2.8831,

8.6367.

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

218.1520, 2.8831, 8.6367

Protanopia

217.1510, 4.3626, 0.7446

Deuteranopia

218.7720, 2.5774, 13.3550



Tritanopia

218.3200, 4.7722, 9.3664

Trichromacy



Original Color

218.1520, 2.8831, 8.6367

Protanomaly

217.6460, 3.6255, 3.8185

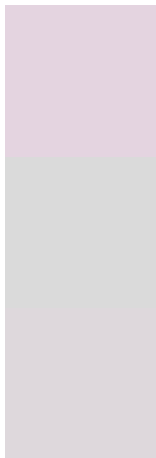
Deuteranomaly

218.7610, 2.5828, 11.6106

Tritanomaly

218.2060, 4.3354, 9.4663

Monochromacy



Original Color

218.1520, 2.8831, 8.6367

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.2500, 0.8628, 3.2887

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1520, 2.8831, 8.6367 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(228, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(228, 212, 224)  
}
```

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(228, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 212, 224) }
```

Border

The CSS property to change the border of an element to YUV 218.1520, 2.8831, 8.6367 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(228, 212, 224) }
```


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

```
.border{ border-color:rgb(228, 212, 224) }
```

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

Here you see how a box with a 4 pixel rgb(228, 212, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 212,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 218.1520, 2.8831, 8.6367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 212, 224) }
```

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

```
.background{ background-color: rgb(228,  
212, 224) }
```

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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