

Converting Colors

YUV(212.2660, 3.3199, 8.5367)

Have a look what the booklet for
YUV(212.2660, 3.3199, 8.5367)
contains.

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Color

**YUV(212.2660, 3.3199,
8.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	DECEDB
RGB	222, 206, 219
RGB Percent	87%, 81%, 86%
CMY	0.1294, 0.1922, 0.1412
CMYK	0.00, 0.07, 0.01, 0.13
HSL	311°, 20%, 84%
HSV	311°, 7%, 87%
XYZ	64.9817, 64.7867, 76.0980
YIQ	212.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

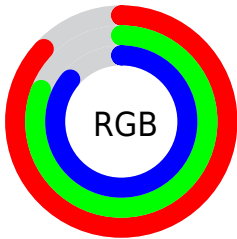
Format	Color
R _Y B	222, 206, 219
Decimal	14601947
CIE Lab	84.37, 7.83, -4.43
CIE LCh	84, 8.995, 330.501
Yxy	64.7867, 0.3156, 0.3147
Android (android.graphics.Color)	4292792027 (0xFFDECEDB)
YUV	212.2660, 3.3199, 8.5367
Hunter-Lab	80.4902, 3.2496, 0.2884

Details

The YUV color `212.2660, 3.3199, 8.5367` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `215.7340, -3.3199, -8.5367`, and the grayscale version is `212.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `157.8530, 3.0305, 8.0219` is the 20% darker color. If you saturate the color by 10%, you get `198.8960, 7.9393, 20.2622`, and if you desaturate by 10%, it is `225.6360, -1.2995, -3.1888`.

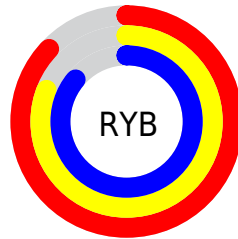
Distribution



Red (87%)

Green (81%)

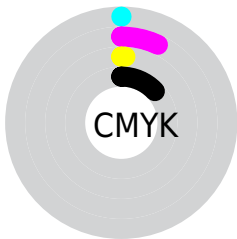
Blue (86%)



Red (87%)

Yellow (81%)

Blue (86%)

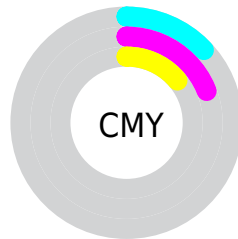


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.2660, 3.3199, 8.5367 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 212.2660, 3.3199, 8.5367 by changing the saturation by 10% instead.

■ 212.2660, 3.3199,
8.5367

■ 212.2660, 3.3199,
8.5367

255.0000, 0.0000,
0.0000

■ 184.8530, 3.0305,
8.0219

■ 157.8530, 3.0305,
8.0219

■ 131.5540, 3.1779,
7.4071

■ 106.4400, 2.7411,
7.5071

■ 82.1410, 2.8885,
6.8923

■ 59.1410, 2.8885,
6.8923

■ 37.7280, 2.5991,

6.3775

■ 15.8530, 3.0305,
8.0219

■ 0.0000, 0.0000,
0.0000

■ 212.2660, 3.3199,
8.5367

■ 212.2660, 3.3199,
8.5367

■ 198.8960, 7.9393,
20.2622

■ 225.6360, -1.2995,
-3.1888

■ 185.5260, 12.5587,
31.9877

■ 239.0060, -5.9190,
-14.9143

■ 171.5690, 17.4675,
44.2280

■ 242.3970, -5.6187,
-17.8882

■ 158.0850, 21.6501,
56.0535

■ 242.9670, -3.4347,
-18.3881

144.7150, 26.2695,
67.7789

243.4230, -1.6875,
-18.7880

131.3450, 30.8889,
79.5044

243.8790, 0.0597,
-19.1879

117.9750, 35.5083,
91.2299

244.3350, 1.8068,
-19.5878

104.0180, 40.4171,
103.4702

244.7910, 3.5540,
-19.9877

90.6480, 45.0365,
115.1957

245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



211.4330, 6.6885, 1.3743



212.2660, 3.3199, 8.5367



212.5610, -0.7696, 13.5400

Triad

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



212.2660, 3.3199, 8.5367



210.5680, -8.1680, 6.5179



207.9810, 5.4324, -15.7693

Complementary

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



212.2660, 3.3199, 8.5367



215.7340, -3.3199, -8.5367

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.



208.1400, 0.9170, -14.1548



212.2660, 3.3199, 8.5367



209.5670, -6.6885, -1.3743

Square

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



212.2660, 3.3199, 8.5367



211.1280, -7.4581, 12.1657



208.4350, -3.1725, -9.1515



209.2740, 7.7529, -13.3953

Rectangle

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



212.2660, 3.3199, 8.5367



212.1760, -3.5378, 14.7546



208.4350, -3.1725, -9.1515



208.2260, 3.8326, -15.9842

Sweetspot

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



212.2660, 3.3199, 8.5367



251.9510, 1.0102, 2.6740



208.7210, 6.5465, 0.2447



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.



212.2660, 3.3199, 8.5367



241.0430, 4.9088, 12.2403



211.3540, -0.1745, 9.3365



105.3150, 2.3097, 5.8627



68.9260, 36.5185, 93.9039



18.7980, 9.9596, 25.6102

Inverse Universe

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



212.2660, 3.3199, 8.5367



241.0430, 4.9088, 12.2403



216.6460, 0.1745, -9.3365



105.3150, 2.3097, 5.8627



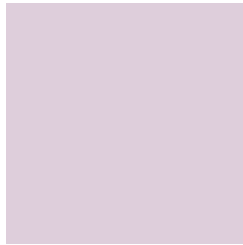
68.9260, 36.5185, 93.9039



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 212.2660, 3.3199, 8.5367 looks on a white background.

Color Contrast Check

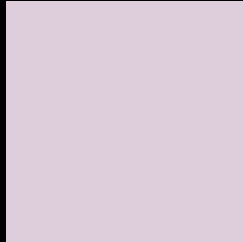
Large Text (above 18pt) WCAG AA × Fail

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 212.2660, 3.3199, 8.5367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

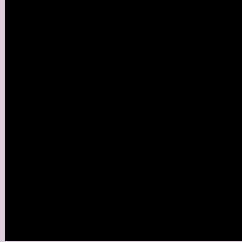
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.2660, 3.3199, 8.5367

Background



This preview shows how black text looks on a background with the YUV color 212.2660, 3.3199, 8.5367.



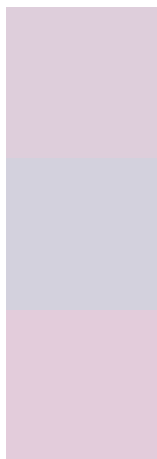
This preview shows how white text looks on a background with the YUV color 212.2660, 3.3199,

8.5367.

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

212.2660, 3.3199, 8.5367

Protanopia

210.9660, 4.9468, 0.0298

Deuteranopia

212.5870, 3.1616, 12.6402



Tritanopia

212.6080, 4.6303, 8.2368

Trichromacy



Original Color

212.2660, 3.3199, 8.5367

Protanomaly

211.4610, 4.2097, 3.1037

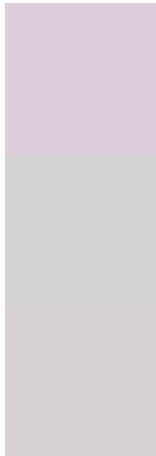
Deuteranomaly

212.5760, 3.1670, 10.8958

Tritanomaly

212.4940, 4.1935, 8.3368

Monochromacy



Original Color

212.2660, 3.3199, 8.5367

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.3640, 1.2995, 3.1888

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.2660, 3.3199, 8.5367 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(222, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 219)  
}
```

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(222, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 219) }
```

Border

The CSS property to change the border of an element to YUV 212.2660, 3.3199, 8.5367 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(222, 206, 219) }
```


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

```
.border{ border-color:rgb(222, 206, 219) }
```

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

Here you see how a box with a 4 pixel rgb(222, 206, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 212.2660, 3.3199, 8.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 219) }
```

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

```
.background{ background-color: rgb(222,  
206, 219) }
```

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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