

Converting Colors

YUV(214.7940, -0.8844, 3.6887)

Have a look what the booklet for
YUV(214.7940, -0.8844, 3.6887)
contains.

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Color

**YUV(214.7940, -0.8844,
3.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD5D5
RGB	219, 213, 213
RGB Percent	86%, 84%, 84%
CMY	0.1412, 0.1647, 0.1647
CMYK	0.00, 0.03, 0.03, 0.14
HSL	0°, 8%, 85%
HSV	0°, 3%, 86%
XYZ	65.0179, 67.4527, 72.5436
YIQ	214.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

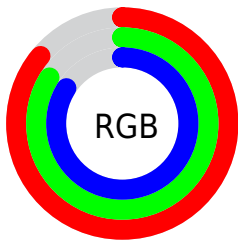
Format	Color
R _Y B	219, 213, 213
Decimal	14407125
CIE Lab	85.73, 2.06, 0.72
CIE LCh	86, 2.179, 19.299
Yxy	67.4527, 0.3171, 0.3290
Android (android.graphics.Color)	4292597205 (0xFFD5D5D5)
YUV	214.7940, -0.8844, 3.6887
Hunter-Lab	82.1296, -2.4172, 5.1209

Details

The YUV color $214.7940, -0.8844, 3.6887$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.2060, 0.8844, -3.6887$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.7940, -0.8844, 3.6887$ is the 20% darker color. If you saturate the color by 10%, you get $199.3720, -4.1274, 17.2138$, and if you desaturate by 10%, it is $230.2160, 2.3585, -9.8364$.

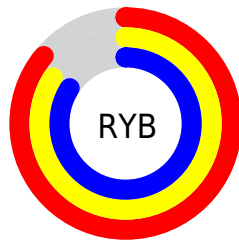
Distribution



Red (86%)

Green (84%)

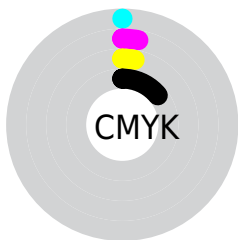
Blue (84%)



Red (86%)

Yellow (84%)

Blue (84%)

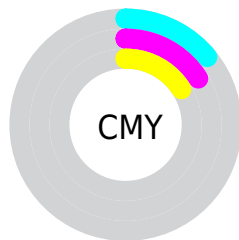


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.7940, -0.8844, 3.6887 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 214.7940, -0.8844, 3.6887 by changing the saturation by 10% instead.

■ 214.7940, -0.8844,
3.6887

■ 214.7940, -0.8844,
3.6887

255.0000, 0.0000,
0.0000

■ 186.7940, -0.8844,
3.6887

■ 159.7940, -0.8844,
3.6887

■ 133.7940, -0.8844,
3.6887

■ 108.4950, -0.7370,
3.0739

■ 84.4950, -0.7370,
3.0739

■ 61.4950, -0.7370,
3.0739

■ 39.4950, -0.7370,

3.0739

■ 19.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 214.7940, -0.8844,
3.6887

■ 214.7940, -0.8844,
3.6887

■ 199.3720, -4.1274,
17.2138

■ 230.2160, 2.3585,
-9.8364

■ 183.9500, -7.3703,
30.7389

■ 244.2360, 5.3067,
-22.1320

■ 168.5280,
-10.6133, 44.2639

■ 153.1060,
-13.8563, 57.7890

■ 138.3850,
-16.9518, 70.6994

■ 122.9630,
-20.1948, 84.2244

■ 107.5410,
-23.4377, 97.7495

■ 92.1190, -26.6807,
111.2746

■ 76.6970, -29.9236,
124.7997

Harmonies

Analogous

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



214.7230, 0.1366, 2.8739



214.7940, -0.8844, 3.6887



214.5660, -1.7580, 3.8886

Triad

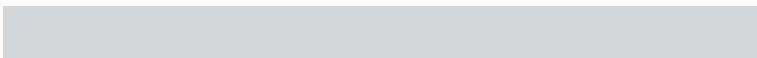
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214.7940, -0.8844, 3.6887



213.7610, -0.8682, -1.5444



214.4450, 1.7526, -2.1443

Complementary

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



214.7940, -0.8844, 3.6887



217.2060, 0.8844, -3.6887

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.



213.7330, 1.6106, -3.2738



214.7940, -0.8844, 3.6887



213.8640, -0.4260, -3.3887

Square

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



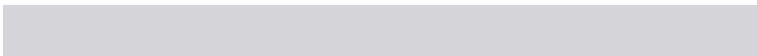
214.7940, -0.8844, 3.6887



214.4300, -2.1840, 0.4999



213.9070, 1.0318, -4.3034



214.4560, 1.7472, -0.3999

Rectangle

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



214.7940, -0.8844, 3.6887



214.7400, -2.3368, 2.8590



213.9070, 1.0318, -4.3034



214.1460, 1.9000, -2.7590

Sweetspot

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



214.7940, -0.8844, 3.6887



252.8970, -0.4422, 1.8443



215.4780, 1.7363, 3.0888



126.5980, -0.2948, 1.2296



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.



214.7940, -0.8844, 3.6887



249.3920, -1.1793, 4.9182



216.5550, -1.7526, 2.1443



106.4950, -0.7370, 3.0739



51.7270, -25.5014, 106.3564



13.7540, -6.7807, 28.2797

Inverse Universe

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



217.2060, 0.8844, -3.6887



252.6080, 1.1793, -4.9182



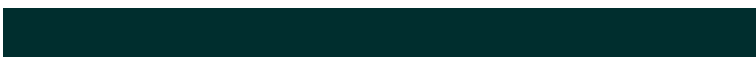
215.4450, 1.7526, -2.1443



108.5050, 0.7370, -3.0739



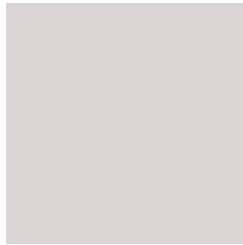
121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Previews

White Background



This preview shows how the YUV color 214.7940, -0.8844, 3.6887 looks on a white background.

Color Contrast Check

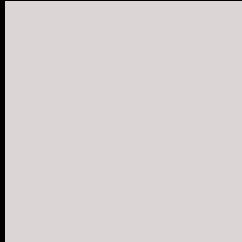
Large Text (above 18pt) WCAG AA × Fail

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 214.7940, -0.8844, 3.6887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

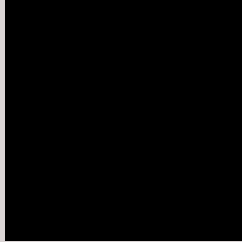
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

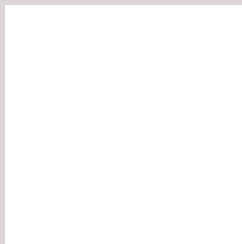
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.7940, -0.8844, 3.6887

Background



This preview shows how black text looks on a background with the YUV color 214.7940, -0.8844, 3.6887.



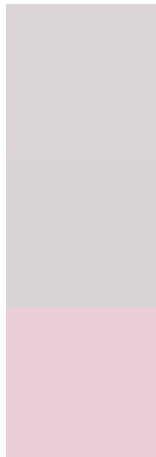
This preview shows how white text looks on a background with the YUV color 214.7940, -0.8844,

3.6887.

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

214.7940, -0.8844, 3.6887

Protanopia

214.4950, -0.7370, 3.0739

Deuteranopia

216.1700, -1.0698, 16.5139



Tritanopia

215.8140, 5.5147, 4.5481

Trichromacy



Original Color

214.7940, -0.8844, 3.6887

Protanomaly

214.4950, -0.7370, 3.0739

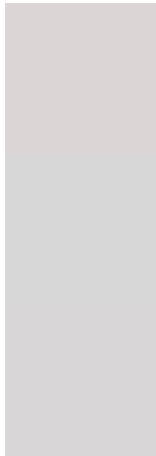
Deuteranomaly

215.5500, -0.7642, 11.7956

Tritanomaly

215.5320, 3.1887, 3.9184

Monochromacy



Original Color

214.7940, -0.8844, 3.6887

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.7940, -0.8844, 3.6887 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(219, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 213)  
}
```

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(219, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 213) }
```

Border

The CSS property to change the border of an element to YUV 214.7940, -0.8844, 3.6887 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(219, 213, 213) }
```


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

```
.border{ border-color:rgb(219, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 214.7940, -0.8844, 3.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 213) }
```

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

```
.background{ background-color: rgb(219,  
213, 213) }
```

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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