Converting Colors

YUV(218.1850, -0.5842, 0.7148)

Have a look what the booklet for YUV(218.1850, -0.5842, 0.7148) contains.

YUV(218.1850, -0.5842, 0.7148) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 23
- ***Color Blindness Simulation*** 27
- ***CSS Examples*** 30

Color

YUV(218.1850, -0.5842, 0.7148)

Conversions

Conversions Part 1

Format	Color
Hex	DBDAD9
RGB	219, 218, 217
RGB Percent	86%, 85%, 85%
CMY	0.1412, 0.1451, 0.1490
CMYK	0.00, 0.00, 0.01, 0.14
HSL	30°, 3%, 85%
HSV	30°, 1%, 86%
XYZ	66.8092, 70.2126, 75.6768
YIQ	218.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

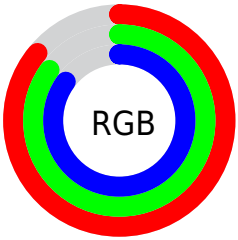
Format	Color
RYB	219, 219, 217
Decimal	14408409
CIELab	87.10, 0.16, 0.60
CIELCh	87, 0.623, 74.679
Yxy	70.2126, 0.3141, 0.3301
Android (android.graphics.Color)	4292598489 (0xFFDBDAD9)
YUV	218.1850, -0.5842, 0.7148
Hunter-Lab	83.7930, -4.3174, 5.1079

Details

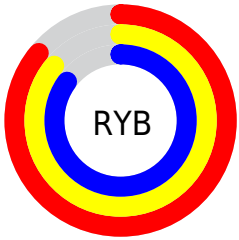
The YUV color 218.1850, -0.5842, 0.7148 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 217.8150, 0.5842, -0.7148, and the grayscale version is 218.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 163.1850, -0.5842, 0.7148 is the 20% darker color. If you saturate the color by 10%, you get 209.2200, -7.0105, 8.5771, and if you desaturate by 10%, it is 227.1500, 5.8420, -7.1476.

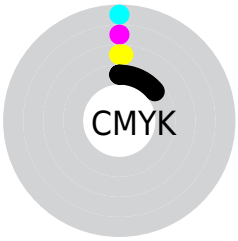
Distribution



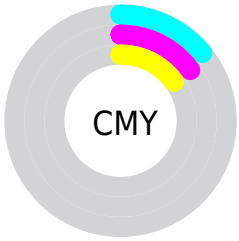
- Red (86%)
- Green (85%)
- Blue (85%)



- Red (86%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1850, -0.5842, 0.7148 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 218.1850, -0.5842, 0.7148 by changing the saturation by 10% instead.

218.1850, -0.5842, 0.7148

255.0000, 0.0000, 0.0000

218.1850, -0.5842, 0.7148

190.1850, -0.5842, 0.7148

163.1850, -0.5842, 0.7148

137.1850, -0.5842, 0.7148

111.8860, -0.4368, 0.1000

87.1850, -0.5842, 0.7148

64.1850, -0.5842, 0.7148

42.1850, -0.5842,

0.7148

21.8860, -0.4368, 0.1000

0.0000, 0.0000, 0.0000

218.1850, -0.5842, 0.7148

218.1850, -0.5842, 0.7148

209.2200, -7.0105, 8.5771

227.1500, 5.8420, -7.1476

200.2550, -13.4367, 16.4394

235.4310, 9.6475, -14.4100

191.2900, -19.8630, 24.3017

241.8880, 6.4642, -20.0728

182.3250, -26.2892, 32.1640

244.2360, 5.3067, -22.1320

173.4740, -32.2787, 39.9263

164.5090, -38.7049, 47.7886

155.5440, -45.1312, 55.6509

146.5790, -51.5574, 63.5132

137.6140, -57.9837, 71.3755

Harmonies

Analogous

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

218.1850, -0.5842, 0.7148

218.1850, -0.5842, 0.7148

217.8860, -0.4368, 0.1000

Triad

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

218.1850, -0.5842, 0.7148

218.2880, -0.1420, -1.1296

218.4130, 0.2894, 0.5148

Complementary

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

218.1850, -0.5842, 0.7148

217.8150, 0.5842, -0.7148

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.

218.1140, 0.4368, -0.1000

218.1850, -0.5842, 0.7148

217.8150, 0.5842, -0.7148

Square

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

218.1850, -0.5842, 0.7148

217.7010, 0.1474, -0.6148

217.8150, 0.5842, -0.7148

218.2990, -0.1474, 0.6148

Rectangle

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

218.1850, -0.5842, 0.7148

217.8860, -0.4368, 0.1000

217.8150, 0.5842, -0.7148

218.1140, 0.4368, -0.1000

Sweetspot

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

218.1850, -0.5842, 0.7148

255.0000, 0.0000, 0.0000

217.7120, 0.1420, 1.1296

128.0000, 0.0000, 0.0000

0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

218.1850, -0.5842, 0.7148

254.0710, -1.0210, 0.8147

218.7720, -0.8736, 0.2000

109.2990, -0.1474, 0.6148

102.7960, -50.6784, 61.5689

27.2550, -13.4367, 16.4394

Inverse Universe

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

217.8150, 0.5842, -0.7148

253.5160, 0.7316, -1.3295

217.2280, 0.8736, -0.2000

109.1140, 0.4368, -0.1000

70.7910, 50.3890, -62.0837

18.7450, 13.4367, -16.4394

Previews

White Background

This preview shows how the YUV color 218.1850, -0.5842, 0.7148 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 218.1850, -0.5842, 0.7148 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 218.1850, -0.5842, 0.7148

Background

This preview shows how black text looks on a background with the YUV color 218.1850, -0.5842, 0.7148.

This preview shows how white text looks on a background with the YUV color 218.1850, -0.5842,

0.7148.

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
218.1850, -0.5842, 0.7148

Protanopia
218.3810, -1.1738, 3.1739

Deuteranopia
220.1700, -1.0698, 16.5139

Tritanopia
219.4330, 6.6885, 1.3743

Trichromacy

Original Color
218.1850, -0.5842, 0.7148

Protanomaly
218.0820, -1.0264, 2.5591

Deuteranomaly
219.8380, -0.9061, 10.6661

Tritanomaly
219.0370, 3.9258, 0.8446

Monochromacy

Original Color
218.1850, -0.5842, 0.7148

Achromatopsia
218.0000, 0.0000, 0.0000

Achromatomaly
218.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1850, -0.5842, 0.7148 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, 218, 217) looks like.

```
.text, #text, p{
    color:rgb(219, 218, 217)
}
```

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, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 217) }
```

Border

The CSS property to change the border of an element to YUV 218.1850, -0.5842, 0.7148 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, 218, 217) }
```

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

```
.border{ border-color:rgb(219, 218, 217) }
```

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

Here you see how a box with a 4 pixel rgb(219, 218, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 218, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 218, 217); box-shadow:4px 4px 4px 4px rgb(219, 218, 217) }
```

Background

The CSS property to change the background color of an element to YUV 218.1850, -0.5842, 0.7148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(219, 218, 217) }
```

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

```
.background{ background-color:rgb(219, 218, 217) }
```

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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