

Converting Colors

YUV(218.8790, -13.2513,
3.6141)

Have a look what the booklet for
YUV(218.8790, -13.2513, 3.6141)
contains.

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Color

**YUV(218.8790, -13.2513,
3.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDECO
RGB	223, 222, 192
RGB Percent	87%, 87%, 75%
CMY	0.1255, 0.1294, 0.2471
CMYK	0.00, 0.00, 0.14, 0.13
HSL	58°, 33%, 81%
HSV	58°, 14%, 87%
XYZ	66.0671, 71.7363, 60.2336
YIQ	218.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

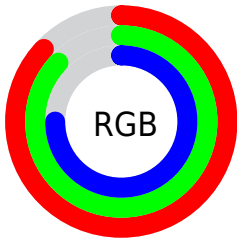
Format	Color
RYB	193, 223, 192
Decimal	14671552
CIELab	87.84, -4.68, 14.86
CIELCh	88, 15.576, 107.482
Yxy	71.7363, 0.3336, 0.3622
Android (android.graphics.Color)	4292861632 (0xFFDFDEC0)
YUV	218.8790, -13.2513, 3.6141
Hunter-Lab	84.6973, -8.9834, 17.1233

Details

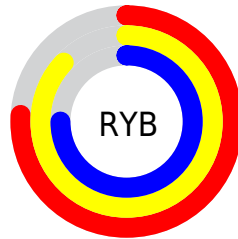
The YUV color **218.8790, -13.2513, 3.6141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **196.1210, 13.2513, -3.6141**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.2020, -3.0576, 0.6998**, and **163.9930, -12.8145, 3.5141** is the 20% darker color. If you saturate the color by 10%, you get **215.7840, -22.5715, 6.3284**, and if you desaturate by 10%, it is **221.9740, -3.9312, 0.8998**.

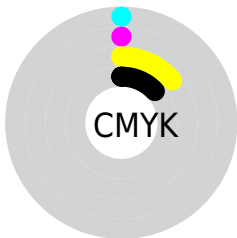
Distribution



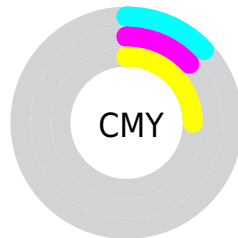
- Red (87%)
- Green (87%)
- Blue (75%)



- Red (76%)
- Yellow (87%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8790, -13.2513, 3.6141 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, -13.2513, 3.6141 by changing the saturation by 10% instead.

■ 218.8790,
-13.2513, 3.6141

■ 218.8790,
-13.2513, 3.6141

255.0000, 0.0000,
0.0000

■ 190.9930,
-12.8145, 3.5141

■ 254.2020, -3.0576,
0.6998

■ 163.9930,
-12.8145, 3.5141

■ 137.8080,
-12.2303, 2.7994

■ 111.9220,
-11.7935, 2.6994

■ 88.0360, -11.3567,
2.5994

■ 64.2640, -10.4832,
2.3995

■ 42.0790, -9.8989,

1.6847

■ 21.5630, -10.6306,
3.0142

■ 0.0000, 0.0000,
0.0000

■ 218.8790,
-13.2513, 3.6141

■ 218.8790,
-13.2513, 3.6141

■ 215.7840,
-22.5715, 6.3284

■ 221.9740, -3.9312,
0.8998

■ 213.1620,
-32.6179, 8.6279

■ 224.5960, 6.1152,
-1.3997

■ 210.0670,
-41.9380, 11.3422

■ 227.2350, 13.6881,
-3.7141

■ 206.9720,
-51.2582, 14.0566

■ 227.8220, 13.3988,
-4.2289

■ 203.8770,
-60.5784, 16.7709

■ 228.4090, 13.1094,
-4.7437

■ 201.2550,
-70.6247, 19.0704

■ 228.9960, 12.8200,
-5.2585

■ 198.1600,
-79.9449, 21.7847

■ 229.5830, 12.5306,
-5.7733

■ 195.0650,
-89.2650, 24.4990

■ 193.4690,
-95.3802, 25.8987

Harmonies

Analogous

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



220.4290, -14.0155, 15.4098



218.8790, -13.2513, 3.6141



217.0560, -8.4086, -9.6961

Triad

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



218.8790, -13.2513, 3.6141



216.1520, 12.7431, -27.3203



223.5880, 1.6821, 20.5323

Complementary

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



218.8790, -13.2513, 3.6141



196.1210, 13.2513, -3.6141

Split Complementary

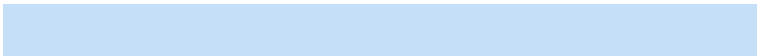
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.9440, 8.4086, 9.6961



218.8790, -13.2513, 3.6141



218.1900, 15.1893, -18.5836

Square

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



218.8790, -13.2513, 3.6141



215.2460, 6.7807, -28.2797



221.1100, 13.2568, -5.3585



222.7860, -5.3175, 25.6207

Rectangle

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



218.8790, -13.2513, 3.6141



215.8530, -3.8715, -18.2881



221.1100, 13.2568, -5.3585



223.5490, 4.1663, 17.0585

Sweetspot

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



218.8790, -13.2513, 3.6141



253.8600, -4.3680, 0.9998



201.3830, -4.1328, 18.9581



126.6150, -2.7682, 1.2146



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, -13.2513, 3.6141



249.5110, -18.4929, 4.8139



215.2800, -11.4770, -5.5076



110.7460, -4.8048, 1.0998



152.4140, -75.1401, 20.6849



41.9410, -20.6769, 5.3137

Inverse Universe

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



196.1210, 13.2513, -3.6141



217.4890, 18.4929, -4.8139



199.7200, 11.4770, 5.5076



102.2540, 4.8048, -1.0998



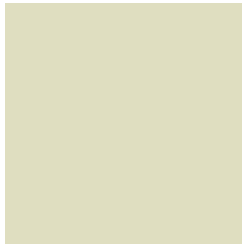
23.5860, 75.1401, -20.6849



6.6460, 20.3875, -5.8285

Previews

White Background



This preview shows how the YUV color 218.8790, -13.2513, 3.6141 looks on a white background.

Color Contrast Check

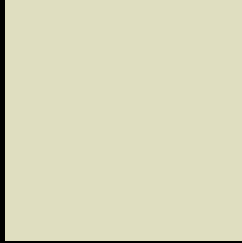
Large Text (above 18pt) WCAG AA × Fail

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, -13.2513, 3.6141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

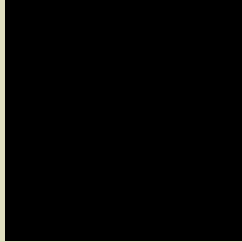
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

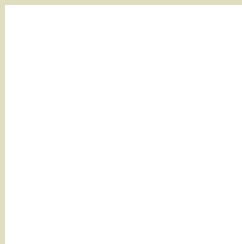
Any Text WCAG AAA ✓ Pass

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

YUV 218.8790, -13.2513, 3.6141 Background



This preview shows how black text looks on a background with the YUV color 218.8790, -13.2513, 3.6141.



This preview shows how white text looks on a background with the YUV color 218.8790, -13.2513, 3.6141.

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, -13.2513, 3.6141

Protanopia

219.9830, -14.2886, 9.6619

Deuteranopia

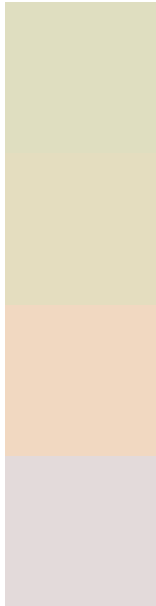
221.6090, -13.6112, 25.7759



Tritanopia

221.8250, 5.5093, 6.2925

Trichromacy



Original Color

218.8790, -13.2513, 3.6141

Protanomaly

219.6730, -14.1358, 7.3028

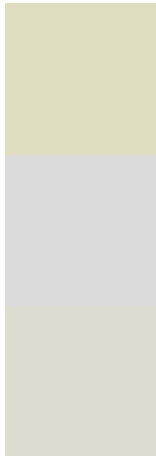
Deuteranomaly

220.8530, -13.7315, 17.6689

Tritanomaly

220.6910, -1.3267, 5.5330

Monochromacy



Original Color

218.8790, -13.2513, 3.6141

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.7460, -4.8048, 1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8790, -13.2513, 3.6141 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(223, 222, 192)` looks like.

```
.text, #text, p{  
    color:rgb(223, 222, 192)  
}
```

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(223, 222, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 222, 192) }
```

Border

The CSS property to change the border of an element to YUV 218.8790, -13.2513, 3.6141 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(223, 222, 192) }
```


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

```
.border{ border-color:rgb(223, 222, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 222, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 222, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 222, 192);  
box-shadow:4px 4px 4px 4px rgb(223, 222,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 218.8790, -13.2513, 3.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 222, 192) }
```

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

```
.background{ background-color: rgb(223,  
222, 192) }
```

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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