

Converting Colors

YUV(188.1310, -92.7486,
21.8101)

Have a look what the booklet for
YUV(188.1310, -92.7486, 21.8101)
contains.

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Color

**YUV(188.1310, -92.7486,
21.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D400
RGB	213, 212, 0
RGB Percent	84%, 83%, 0%
CMY	0.1647, 0.1686, 1.0000
CMYK	0.00, 0.00, 1.00, 0.16
HSL	60°, 100%, 42%
HSV	60°, 100%, 84%
XYZ	50.9841, 61.2331, 9.1320
YIQ	188.1310, 68.6480, -65.7200

Conversions

Conversions Part 2

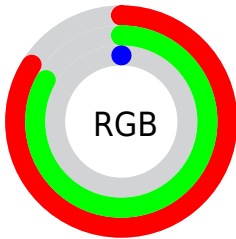
Format	Color
RYB	1, 213, 0
Decimal	14013440
CIELab	82.50, -18.33, 82.29
CIELCh	83, 84.305, 102.556
Yxy	61.2331, 0.4201, 0.5046
Android (android.graphics.Color)	4292203520 (0xFFD5D400)
YUV	188.1310, -92.7486, 21.8101
Hunter-Lab	78.2516, -20.6403, 47.8569

Details

The YUV color **188.1310, -92.7486, 21.8101** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **24.8690, 92.7486, -21.8101**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8480, -73.3821, 16.7963**, and **138.7920, -68.4245, 13.3374** is the 20% darker color. If you saturate the color by 10%, you get **188.1310, -92.7486, 21.8101**, and if you desaturate by 10%, it is **190.5250, -83.5758, 19.7106**.

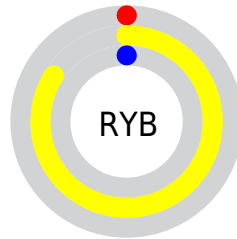
Distribution



Red (84%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (0%)

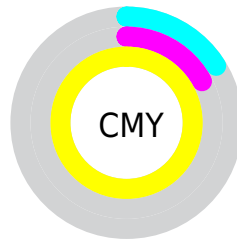


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.1310, -92.7486, 21.8101 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 188.1310, -92.7486, 21.8101 by changing the saturation by 10% instead.

■ 188.1310,
-92.7486, 21.8101

■ 188.1310,
-92.7486, 21.8101

■ 255.0000, 0.0000,
0.0000

■ 162.7250,
-80.2234, 17.7812

■ 235.8480,
-73.3821, 16.7963

■ 138.7920,
-68.4245, 13.3374

■ 239.2680,
-60.2781, 13.7970

■ 114.8590,
-56.6255, 8.8937

■ 242.5740,
-47.6110, 10.8976

■ 91.5130, -45.1159,
3.9351

■ 245.8800,
-34.9438, 7.9982

■ 69.0530, -34.0431,
-0.9235

■ 249.1860,
-22.2767, 5.0989

■ 47.7780, -23.5546,
-5.0673

■ 252.6060, -9.1728,

■ 27.0900, -13.3554,

2.0995

-9.7259

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 188.1310,
-92.7486, 21.8101

■ 190.5250,
-83.5758, 19.7106

■ 193.0330,
-73.9663, 17.5111

■ 195.4270,
-64.7935, 15.4115

■ 197.8210,
-55.6208, 13.3120

■ 200.9160,
-46.3006, 10.5977

■ 203.3100,
-37.1278, 8.4981

■ 205.7040,
-27.9551, 6.3986

■ 208.0980,
-18.7823, 4.2991

■ 210.6060, -9.1728,
2.0995

Harmonies

Analogous

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



188.2430, -75.5488, 58.5459



188.1310, -92.7486, 21.8101



180.6790, -50.6207, -50.5845

Triad

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



188.1310, -92.7486, 21.8101



169.3630, 42.2190, -148.5314



184.5600, 34.7269, 61.7759

Complementary

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



188.1310, -92.7486, 21.8101



24.8690, 92.7486, -21.8101

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.



203.3220, 25.4773, 41.8136



188.1310, -92.7486, 21.8101



162.3190, 45.6917, -142.3538

Square

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



188.1310, -92.7486, 21.8101



169.0720, 33.4885, -148.2761



176.3370, 38.7809, -72.2095



170.1570, 2.3876, 74.4073

Rectangle

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



188.1310, -92.7486, 21.8101



153.7110, -12.6755, -134.8045



176.3370, 38.7809, -72.2095



190.4300, 31.8330, 56.6279

Sweetspot

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



188.1310, -92.7486, 21.8101



246.3360, -33.1966, 7.5983



64.1430, -29.6505, 130.5476



122.1690, -19.8033, 5.1138



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.



188.1310, -92.7486, 21.8101



225.3430, -111.0941, 26.0092



157.9210, -77.8551, -42.0267



105.7460, -4.8048, 1.0998



150.9190, -74.4031, 17.6110



38.0980, -18.7823, 4.2991

Inverse Universe

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



24.8690, 92.7486, -21.8101



29.6570, 111.0941, -26.0092



55.0790, 77.8551, 42.0267



97.2540, 4.8048, -1.0998



20.0810, 74.4031, -17.6110



4.9020, 18.7823, -4.2991

Previews

White Background



This preview shows how the YUV color 188.1310, -92.7486, 21.8101 looks on a white background.

Color Contrast Check

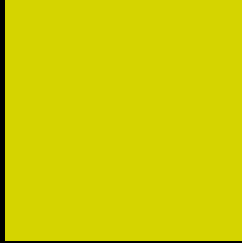
Large Text (above 18pt) WCAG AA × Fail

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 188.1310, -92.7486, 21.8101 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 188.1310, -92.7486, 21.8101 Background



This preview shows how black text looks on a background with the YUV color 188.1310, -92.7486, 21.8101.



This preview shows how white text looks on a background with the YUV color 188.1310, -92.7486, 21.8101.

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



Protanopia

190.2900, -93.8130, 36.5797

Deuteranopia

198.9180, -62.5706, 49.1839

Tritanopia

207.6800, 2.1298, 16.9436

Trichromacy



Protanomaly

189.3710, -93.3599, 31.2466

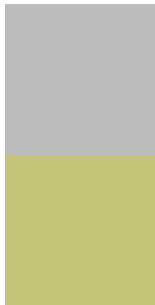
Deuteranomaly

194.9910, -73.4526, 39.4729

Tritanomaly

200.3420, -32.2136, 18.9941

Monochromacy



Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2220, -33.6334, 7.6983

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1310, -92.7486, 21.8101 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(213, 212, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 0)  
}
```

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(213, 212, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 0) }
```

Border

The CSS property to change the border of an element to YUV 188.1310, -92.7486, 21.8101 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(213, 212, 0) }
```

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

```
.border{ border-color:rgb(213, 212, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 212, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 188.1310, -92.7486, 21.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 0) }
```

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

```
.background{ background-color: rgb(213,  
212, 0) }
```

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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