

Converting Colors

YUV(187.6950, -88.0966,
23.0695)

Have a look what the booklet for
YUV(187.6950, -88.0966, 23.0695)
contains.

YUV(187.6950, -88.0966, 23.0695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(187.6950, -88.0966,
23.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D109
RGB	214, 209, 9
RGB Percent	84%, 82%, 4%
CMY	0.1608, 0.1804, 0.9647
CMYK	0.00, 0.02, 0.96, 0.16
HSL	59°, 92%, 44%
HSV	59°, 96%, 84%
XYZ	50.5813, 59.9168, 9.1576
YIQ	187.6950, 67.1800, -61.1400

Conversions

Conversions Part 2

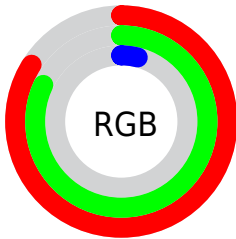
Format	Color
RYB	14, 214, 9
Decimal	14078217
CIELab	81.79, -16.34, 80.98
CIELCh	82, 82.613, 101.405
Yxy	59.9168, 0.4227, 0.5007
Android (android.graphics.Color)	4292268297 (0xFFD6D109)
YUV	187.6950, -88.0966, 23.0695
Hunter-Lab	77.4059, -18.8186, 47.1698

Details

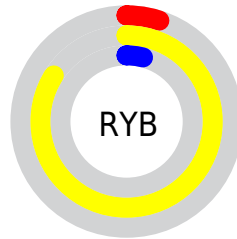
The YUV color **187.6950, -88.0966, 23.0695** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **35.3050, 88.0966, -23.0695**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9620, -72.9453, 16.6963**, and **137.3300, -67.7037, 15.4966** is the 20% darker color. If you saturate the color by 10%, you get **186.6690, -92.0278, 23.9693**, and if you desaturate by 10%, it is **190.6760, -79.2133, 20.4551**.

Distribution



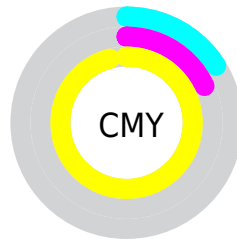
- Red (84%)
- Green (82%)
- Blue (4%)



- Red (5%)
- Yellow (84%)
- Blue (4%)



- Cyan (0%)
- Magenta (2%)
- Yellow (96%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6950, -88.0966, 23.0695 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 187.6950, -88.0966, 23.0695 by changing the saturation by 10% instead.

■ 187.6950,
-88.0966, 23.0695

■ 187.6950,
-88.0966, 23.0695

■ 255.0000, 0.0000,
0.0000

■ 161.8500,
-79.7921, 19.4256

■ 235.9620,
-72.9453, 16.6963

■ 137.3300,
-67.7037, 15.4966

■ 239.3820,
-59.8413, 13.6970

■ 113.3970,
-55.9047, 11.0528

■ 242.6880,
-47.1742, 10.7976

■ 90.0510, -44.3951,
6.0943

■ 245.9940,
-34.5070, 7.8983

■ 67.8900, -33.4698,
1.8505

■ 249.4140,
-21.4031, 4.8989

■ 46.9030, -23.1232,
-3.4229

■ 252.7200, -8.7360,

■ 26.5140, -13.0714,

1.9996

-7.4668

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 187.6950,
-88.0966, 23.0695

■ 187.6950,
-88.0966, 23.0695

■ 186.6690,
-92.0278, 23.9693

■ 190.6760,
-79.2133, 20.4551

■ 193.1840,
-69.6037, 18.2556

■ 196.1650,
-60.7203, 15.6413

■ 198.6730,
-51.1108, 13.4418

■ 201.6540,
-42.2274, 10.8274

■ 204.0480,
-33.0547, 8.7279

■ 207.1430,
-23.7345, 6.0136

■ 209.5370,
-14.5617, 3.9141

■ 212.6320, -5.2416,
1.1997

Harmonies

Analogous

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



187.7530, -72.3492, 58.9756



187.6950, -88.0966, 23.0695



179.8860, -51.2158, -46.3810

Triad

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



187.6950, -88.0966, 23.0695



168.1890, 42.7978, -147.5018



185.1470, 34.4375, 61.2611

Complementary

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



187.6950, -88.0966, 23.0695



35.3050, 88.0966, -23.0695

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.



201.2290, 26.5091, 37.5102



187.6950, -88.0966, 23.0695



161.1450, 46.2705, -141.3242

Square

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



187.6950, -88.0966, 23.0695



167.3280, 31.8833, -146.7467



173.3580, 40.2495, -76.6130



170.3850, 3.2612, 74.2074

Rectangle

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



187.6950, -88.0966, 23.0695



151.6080, -13.1177, -132.9602



173.3580, 40.2495, -76.6130



191.0170, 31.5436, 56.1131

Sweetspot

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



187.6950, -88.0966, 23.0695



245.3900, -31.7443, 8.4280



71.0930, -27.1608, 125.3294



121.6960, -19.0771, 5.5286



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.



187.6950, -88.0966, 23.0695



222.4080, -109.6471, 28.5832



161.9260, -75.3925, -38.5231



105.7460, -4.8048, 1.0998



149.1580, -73.5349, 19.1554



37.5110, -18.4929, 4.8139

Inverse Universe

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



35.3050, 88.0966, -23.0695



32.5920, 109.6471, -28.5832



61.0740, 75.3925, 38.5231



97.8410, 4.5154, -1.6146



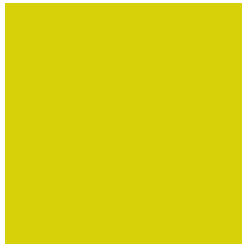
21.8420, 73.5349, -19.1554



5.4890, 18.4929, -4.8139

Previews

White Background



This preview shows how the YUV color 187.6950, -88.0966, 23.0695 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 187.6950, -88.0966, 23.0695 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 187.6950, -88.0966, 23.0695

Background



This preview shows how black text looks on a background with the YUV color 187.6950, -88.0966, 23.0695.

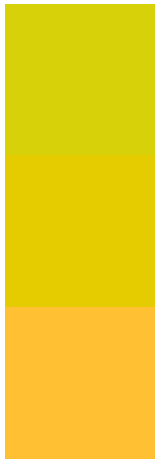


This preview shows how white text looks on a background with the YUV color 187.6950, -88.0966, 23.0695.

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

187.6950, -88.0966, 23.0695

Protanopia

188.2190, -92.7920, 35.7649

Deuteranopia

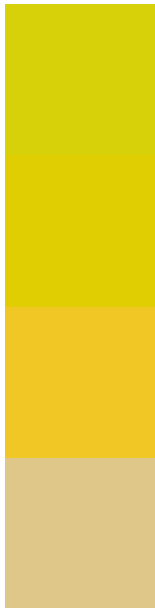
195.3500, -71.1645, 52.3131



Tritanopia

205.5770, 1.6875, 18.7880

Trichromacy



Original Color

187.6950, -88.0966, 23.0695

Protanomaly

188.2400, -91.3233, 31.3615

Deuteranomaly

192.6770, -77.2418, 41.5023

Tritanomaly

198.6950, -30.9086, 20.4385

Monochromacy



Original Color

187.6950, -88.0966, 23.0695

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9770, -32.0337, 7.9132

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6950, -88.0966, 23.0695 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(214, 209, 9)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 9)  
}
```

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(214, 209, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 9) }
```

Border

The CSS property to change the border of an element to YUV 187.6950, -88.0966, 23.0695 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(214, 209, 9) }
```


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

```
.border{ border-color:rgb(214, 209, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 9);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 187.6950, -88.0966, 23.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 9) }
```

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

```
.background{ background-color: rgb(214,  
209, 9) }
```

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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