

Converting Colors

YUV(183.6820, -81.6812,
18.6959)

Have a look what the booklet for
YUV(183.6820, -81.6812, 18.6959)
contains.

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Color

**YUV(183.6820, -81.6812,
18.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCD12
RGB	205, 205, 18
RGB Percent	80%, 80%, 7%
CMY	0.1961, 0.1961, 0.9294
CMYK	0.00, 0.00, 0.91, 0.20
HSL	60°, 84%, 44%
HSV	60°, 91%, 80%
XYZ	47.1173, 56.6855, 9.0303
YIQ	183.6820, 60.0270, -58.1570

Conversions

Conversions Part 2

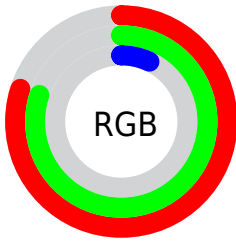
Format	Color
RYB	18, 205, 18
Decimal	13487378
CIELab	80.00, -18.09, 78.30
CIELCh	80, 80.364, 103.006
Yxy	56.6855, 0.4176, 0.5024
Android (android.graphics.Color)	4291677458 (0xFFCDCD12)
YUV	183.6820, -81.6812, 18.6959
Hunter-Lab	75.2897, -20.0493, 45.5915

Details

The YUV color **183.6820, -81.6812, 18.6959** 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 **39.3180, 81.6812, -18.6959**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1900, -72.0717, 16.4964**, and **132.2910, -65.2195, 12.0228** is the 20% darker color. If you saturate the color by 10%, you get **181.6300, -89.5436, 20.4955**, and if you desaturate by 10%, it is **186.0760, -72.5085, 16.5963**.

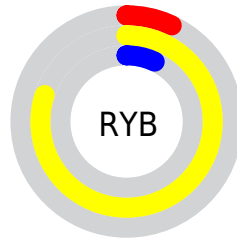
Distribution



Red (80%)

Green (80%)

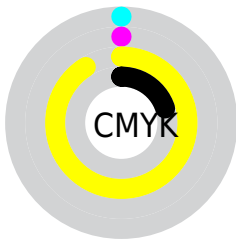
Blue (7%)



Red (7%)

Yellow (80%)

Blue (7%)

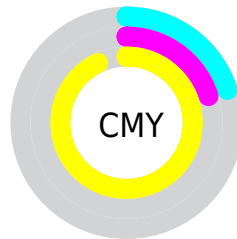


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.6820, -81.6812, 18.6959 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 183.6820, -81.6812, 18.6959 by changing the saturation by 10% instead.

■ 183.6820,
-81.6812, 18.6959

■ 183.6820,
-81.6812, 18.6959

255.0000, 0.0000,
0.0000

■ 156.8110,
-77.3078, 15.9518

■ 236.1900,
-72.0717, 16.4964

■ 132.2910,
-65.2195, 12.0228

■ 239.4960,
-59.4045, 13.5970

■ 108.6570,
-53.5679, 8.1938

■ 242.8020,
-46.7374, 10.6976

■ 86.1970, -42.4951,
3.3352

■ 246.1080,
-34.0702, 7.7983

■ 63.7370, -31.4223,
-1.5233

■ 249.4140,
-21.4031, 4.8989

■ 42.4620, -20.9338,
-5.6672

■ 252.8340, -8.2992,

■ 21.7630, -10.7292,

1.8996

-12.0702

■ 0.0000, 0.0000,
0.0000

■ 183.6820,
-81.6812, 18.6959

■ 183.6820,
-81.6812, 18.6959

■ 181.6300,
-89.5436, 20.4955

■ 186.0760,
-72.5085, 16.5963

■ 188.3560,
-63.7725, 14.5968

■ 190.7500,
-54.5998, 12.4972

■ 193.0300,
-45.8638, 10.4977

■ 195.4240,
-36.6910, 8.3982

■ 197.7040,
-27.9551, 6.3986

■ 200.0980,
-18.7823, 4.2991

■ 202.3780,
-10.0464, 2.2995

■ 204.7720, -0.8736,
0.2000

Harmonies

Analogous

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



185.7640, -72.3547, 60.7200



183.6820, -81.6812, 18.6959



174.9010, -47.2792, -49.0252

Triad

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



183.6820, -81.6812, 18.6959



164.0800, 44.8236, -143.8982



181.5450, 30.7903, 64.4200

Complementary

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



183.6820, -81.6812, 18.6959



39.3180, 81.6812, -18.6959

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.



197.9950, 28.1035, 39.4694



183.6820, -81.6812, 18.6959



157.6230, 48.0069, -138.2354

Square

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



183.6820, -81.6812, 18.6959



163.5780, 32.7460, -143.4579



174.3210, 39.7747, -64.3025



168.8860, 0.0562, 75.5220

Rectangle

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



183.6820, -81.6812, 18.6959



148.9010, -10.7972, -130.5862



174.3210, 39.7747, -64.3025



188.0820, 32.9906, 58.6871

Sweetspot

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



183.6820, -81.6812, 18.6959



247.1340, -30.1391, 6.8985



73.9130, -27.5651, 114.9633



123.3260, -17.9087, 4.0991



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.



183.6820, -81.6812, 18.6959



225.9300, -111.3835, 25.4944



155.8750, -67.9724, -38.4784



100.8600, -4.3680, 0.9998



147.0760, -72.5085, 16.5963



33.6680, -16.5983, 3.7992

Inverse Universe

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



39.3180, 81.6812, -18.6959



29.0700, 111.3835, -25.4944



67.4240, 67.8250, 39.0932



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Previews

White Background



This preview shows how the YUV color 183.6820, -81.6812, 18.6959 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 183.6820, -81.6812, 18.6959 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 183.6820, -81.6812, 18.6959

Background



This preview shows how black text looks on a background with the YUV color 183.6820, -81.6812, 18.6959.



This preview shows how white text looks on a background with the YUV color 183.6820, -81.6812, 18.6959.

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

183.6820, -81.6812, 18.6959

Protanopia

185.4990, -84.0560, 33.7654

Deuteranopia

189.0960, -75.9693, 53.4128



Tritanopia

200.7830, 2.5720, 15.0993

Trichromacy



Original Color

183.6820, -81.6812, 18.6959

Protanomaly

184.6940, -83.1661, 28.3324

Deuteranomaly

187.1500, -77.9680, 41.0874

Tritanomaly

194.4710, -27.8402, 16.2499

Monochromacy



Original Color

183.6820, -81.6812, 18.6959

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.2480, -29.7023, 6.7985

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.6820, -81.6812, 18.6959 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(205, 205, 18)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 18)  
}
```

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(205, 205, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 18) }
```

Border

The CSS property to change the border of an element to YUV 183.6820, -81.6812, 18.6959 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(205, 205, 18) }
```


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

```
.border{ border-color:rgb(205, 205, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 18);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 183.6820, -81.6812, 18.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 18) }
```

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

```
.background{ background-color: rgb(205,  
205, 18) }
```

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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