

Converting Colors

YUV(203.0210, -82.3414,
43.8316)

Have a look what the booklet for
YUV(203.0210, -82.3414, 43.8316)
contains.

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Color

**YUV(203.0210, -82.3414,
43.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD224
RGB	253, 210, 36
RGB Percent	99%, 82%, 14%
CMY	0.0078, 0.1765, 0.8588
CMYK	0.00, 0.17, 0.86, 0.01
HSL	48°, 98%, 57%
HSV	48°, 86%, 99%
XYZ	63.8730, 67.1032, 11.2548
YIQ	203.0210, 81.4820, -44.9980

Conversions

Conversions Part 2

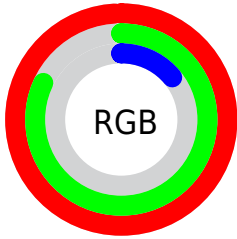
Format	Color
R _Y B	90, 253, 36
Decimal	16634404
CIE Lab	85.56, 0.21, 81.23
CIE LCh	86, 81.235, 89.849
Yxy	67.1032, 0.4491, 0.4718
Android (android.graphics.Color)	4294824484 (0xFFFD224)
YUV	203.0210, -82.3414, 43.8316
Hunter-Lab	81.9165, -4.1716, 49.1955

Details

The YUV color **203.0210, -82.3414, 43.8316** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **85.9790, 82.3414, -43.8316**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.4440, -67.2669, 15.3966**, and **148.6810, -73.2997, 37.1138** is the 20% darker color. If you saturate the color by 10%, you get **197.2360, -91.8143, 48.9050**, and if you desaturate by 10%, it is **208.8060, -72.8684, 38.7581**.

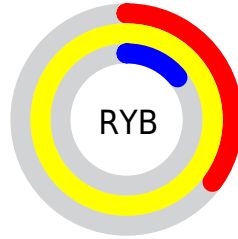
Distribution



Red (99%)

Green (82%)

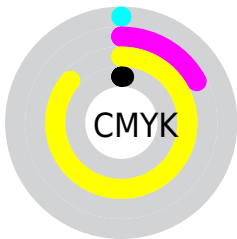
Blue (14%)



Red (35%)

Yellow (99%)

Blue (14%)

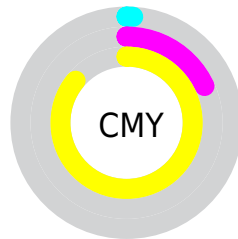


Cyan (0%)

Magenta (17%)

Yellow (86%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0210, -82.3414, 43.8316 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 203.0210, -82.3414, 43.8316 by changing the saturation by 10% instead.

■ 203.0210,
-82.3414, 43.8316

■ 203.0210,
-82.3414, 43.8316

■ 255.0000, 0.0000,
0.0000

■ 173.7990,
-85.6829, 42.2723

■ 237.4440,
-67.2669, 15.3966

■ 148.6810,
-73.2997, 37.1138

■ 240.7500,
-54.5998, 12.4972

■ 124.4490,
-61.3534, 32.0552

■ 244.0560,
-41.9326, 9.5979

■ 101.1030,
-49.8438, 27.0967

■ 247.3620,
-29.2655, 6.6985

■ 78.9310, -38.9130,
21.1085

■ 250.6680,
-16.5983, 3.7992

■ 57.3570, -28.2770,
16.3499

■ 254.0880, -3.4944,

■ 37.2560, -18.3672,

0.7998

11.1765

■ 17.4540, -8.6048,
6.6178

■ 0.0000, 0.0000,
0.0000

■ 203.0210,
-82.3414, 43.8316

■ 203.0210,
-82.3414, 43.8316

■ 197.2360,
-91.8143, 48.9050

■ 208.8060,
-72.8684, 38.7581

■ 194.8080,
-96.0403, 51.0344

■ 214.7050,
-62.9586, 33.5847

■ 220.4900,
-53.4856, 28.5113

■ 226.2750,
-44.0126, 23.4378

■ 232.1740,
-34.1028, 18.2644

■ 237.9590,
-24.6298, 13.1910

■ 243.7440,
-15.1568, 8.1175

■ 249.5290, -5.6838,
3.0441

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



190.7970, -55.6089, 56.3060



203.0210, -82.3414, 43.8316



196.3320, -64.2537, -17.8312

Triad

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



203.0210, -82.3414, 43.8316



175.2330, 39.3251, -153.6793



199.2350, 27.4921, 48.9059

Complementary

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



203.0210, -82.3414, 43.8316



85.9790, 82.3414, -43.8316

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.



206.3360, 23.9914, 4.9673



203.0210, -82.3414, 43.8316



170.5370, 41.6403, -149.5609

Square

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



203.0210, -82.3414, 43.8316



170.8040, 19.8166, -149.7951



159.9710, 46.8493, -140.2946



182.5760, 16.9710, 63.5158

Rectangle

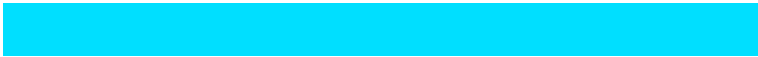
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203.0210, -82.3414, 43.8316



186.0710, -38.4890, -68.4683



159.9710, 46.8493, -140.2946



205.6920, 24.3088, 43.2431

Sweetspot

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



203.0210, -82.3414, 43.8316



239.8450, -25.0666, 13.2909



105.7850, -13.2050, 129.1076



118.7440, -15.1568, 8.1175



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.



203.0210, -82.3414, 43.8316



195.9930, -96.6245, 51.7491



208.8270, -85.2037, -18.2653



124.7570, -4.8102, 2.8441



146.9200, -72.4316, 38.6582



49.0730, -24.1930, 13.0910

Inverse Universe

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



85.9790, 82.3414, -43.8316



59.0070, 96.6245, -51.7491



80.1730, 85.2037, 18.2653



117.6560, 5.0996, -2.3293



44.0800, 72.4316, -38.6582



14.9270, 24.1930, -13.0910

Previews

White Background



This preview shows how the YUV color 203.0210, -82.3414, 43.8316 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 203.0210, -82.3414, 43.8316 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 203.0210, -82.3414, 43.8316

Background



This preview shows how black text looks on a background with the YUV color 203.0210, -82.3414, 43.8316.



This preview shows how white text looks on a background with the YUV color 203.0210, -82.3414,

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

203.0210, -82.3414, 43.8316

Protanopia

202.4820, -81.5826, 33.7803

Deuteranopia

211.5310, -42.1668, 38.1223



Tritanopia

217.1120, -3.0132, 33.2278

Trichromacy



Original Color

203.0210, -82.3414, 43.8316

Protanomaly

202.5040, -81.5935, 37.2690

Deuteranomaly

208.0570, -56.7231, 40.2920

Tritanomaly

211.8650, -31.9784, 36.9524

Monochromacy



Original Color

203.0210, -82.3414, 43.8316

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.1890, -30.1662, 15.6202

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0210, -82.3414, 43.8316 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(253, 210, 36)` looks like.

```
.text, #text, p{  
    color:rgb(253, 210, 36)  
}
```

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(253, 210, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 210, 36) }
```

Border

The CSS property to change the border of an element to YUV 203.0210, -82.3414, 43.8316 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(253, 210, 36) }
```


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

```
.border{ border-color:rgb(253, 210, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 210, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 210, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 210, 36);  
box-shadow:4px 4px 4px 4px rgb(253, 210,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 203.0210, -82.3414, 43.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 210, 36) }
```

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

```
.background{ background-color: rgb(253,  
210, 36) }
```

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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