

Converting Colors

YUV(202.1760, -94.2498,
36.6796)

Have a look what the booklet for
YUV(202.1760, -94.2498, 36.6796)
contains.

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Color

**YUV(202.1760, -94.2498,
36.6796)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DA0B
RGB	244, 218, 11
RGB Percent	96%, 85%, 4%
CMY	0.0431, 0.1451, 0.9569
CMYK	0.00, 0.11, 0.95, 0.04
HSL	53°, 91%, 50%
HSV	53°, 95%, 96%
XYZ	62.4400, 69.4001, 10.4212
YIQ	202.1760, 81.9430, -58.8650

Conversions

Conversions Part 2

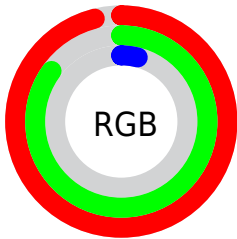
Format	Color
RYB	40, 244, 11
Decimal	16046603
CIELab	86.70, -8.02, 85.59
CIELCh	87, 85.963, 95.357
Yxy	69.4001, 0.4389, 0.4878
Android (android.graphics.Color)	4294236683 (0xFFF4DA0B)
YUV	202.1760, -94.2498, 36.6796
Hunter-Lab	83.3067, -11.9974, 50.8978

Details

The YUV color **202.1760, -94.2498, 36.6796** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **52.8240, 94.2498, -36.6796**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4180, -71.1981, 16.2964**, and **150.9850, -74.4356, 28.0772** is the 20% darker color. If you saturate the color by 10%, you get **200.3350, -98.7652, 38.2942**, and if you desaturate by 10%, it is **206.6730, -84.6348, 32.7358**.

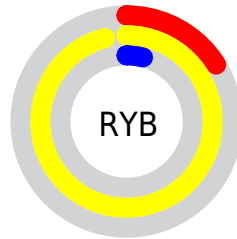
Distribution



Red (96%)

Green (85%)

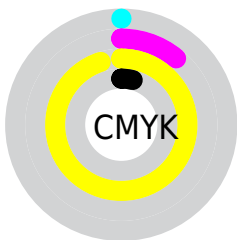
Blue (4%)



Red (16%)

Yellow (96%)

Blue (4%)

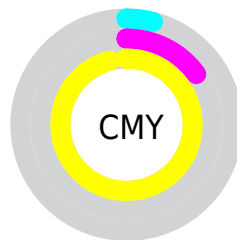


Cyan (0%)

Magenta (11%)

Yellow (95%)

Black (4%)



Cyan (4%)

Magenta (15%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.1760, -94.2498, 36.6796 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 202.1760, -94.2498, 36.6796 by changing the saturation by 10% instead.

■ 202.1760,
-94.2498, 36.6796

■ 202.1760,
-94.2498, 36.6796

■ 255.0000, 0.0000,
0.0000

■ 175.2170,
-86.3820, 33.1357

■ 236.4180,
-71.1981, 16.2964

■ 150.9850,
-74.4356, 28.0772

■ 239.8380,
-58.0941, 13.2971

■ 126.7530,
-62.4892, 23.0186

■ 243.1440,
-45.4270, 10.3977

■ 102.8200,
-50.6903, 18.5749

■ 246.4500,
-32.7599, 7.4983

■ 80.0610, -39.4701,
13.1015

■ 249.8700,
-19.6559, 4.4990

■ 58.4870, -28.8341,
8.3429

■ 253.2900, -6.5520,

■ 38.3860, -18.9243,

1.4997

3.1695

■ 18.8720, -9.3039,
-2.5187

■ 0.0000, 0.0000,
0.0000

■ 202.1760,
-94.2498, 36.6796

■ 202.1760,
-94.2498, 36.6796

■ 200.3350,
-98.7652, 38.2942

■ 206.6730,
-84.6348, 32.7358

■ 210.6970,
-74.2936, 29.2067

■ 215.1940,
-64.6786, 25.2629

■ 219.8050,
-54.6269, 21.2190

■ 224.3020,
-45.0119, 17.2751

■ 228.2120,
-35.1075, 13.8461

■ 232.8230,
-25.0557, 9.8022

■ 237.3200,
-15.4408, 5.8584

■ 241.9310, -5.3890,
1.8145

Harmonies

Analogous

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



193.3270, -66.2232, 54.0872



202.1760, -94.2498, 36.6796



195.7000, -62.4631, -32.1859

Triad

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



202.1760, -94.2498, 36.6796



178.1680, 37.8782, -156.2533



194.5390, 29.8073, 53.0243

Complementary

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



202.1760, -94.2498, 36.6796



52.8240, 94.2498, -36.6796

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.



210.8760, 21.7531, 22.9107



202.1760, -94.2498, 36.6796



171.7110, 41.0615, -150.5905

Square

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



202.1760, -94.2498, 36.6796



175.9050, 26.6688, -154.2687



159.3840, 47.1387, -139.7798



178.9740, 13.3238, 66.6748

Rectangle

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



202.1760, -94.2498, 36.6796



179.4740, -29.8137, -97.7627



159.3840, 47.1387, -139.7798



201.5830, 26.3346, 46.8467

Sweetspot

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



202.1760, -94.2498, 36.6796



241.8680, -30.0079, 11.5168



83.7450, -22.5523, 140.5436



119.9350, -18.2090, 7.0730



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.



202.1760, -94.2498, 36.6796



209.4940, -103.2805, 39.9088



190.8270, -88.6547, -31.4203



120.0450, -4.9522, 1.7145



152.4690, -75.1672, 29.4067



48.1650, -23.7453, 9.5023

Inverse Universe

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



52.8240, 94.2498, -36.6796



45.5060, 103.2805, -39.9088



64.1730, 88.6547, 31.4203



112.5420, 4.6628, -2.2293



33.5310, 75.1672, -29.4067



10.8350, 23.7453, -9.5023

Previews

White Background



This preview shows how the YUV color 202.1760, -94.2498, 36.6796 looks on a white background.

Color Contrast Check

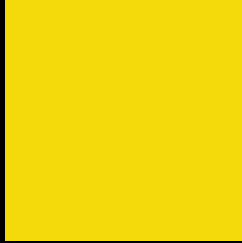
Large Text (above 18pt) WCAG AA × Fail

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 202.1760, -94.2498, 36.6796 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 202.1760, -94.2498, 36.6796

Background



This preview shows how black text looks on a background with the YUV color 202.1760, -94.2498, 36.6796.



This preview shows how white text looks on a background with the YUV color 202.1760, -94.2498,

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

202.1760, -94.2498, 36.6796

Protanopia

202.4750, -94.3972, 37.2944

Deuteranopia

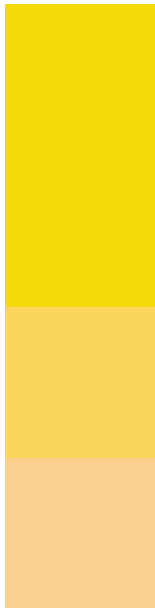
215.3610, -37.6460, 34.7634



Tritanopia

220.2580, -1.1132, 30.4687

Trichromacy



Original Color

202.1760, -94.2498, 36.6796

Protanomaly

202.4750, -94.3972, 37.2944

Deuteranomaly

210.5680, -58.4540, 35.4589

Tritanomaly

213.4470, -34.7304, 32.9340

Monochromacy



Original Color

202.1760, -94.2498, 36.6796

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.1410, -34.0865, 13.0313

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.1760, -94.2498, 36.6796 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(244, 218, 11)` looks like.

```
.text, #text, p{  
    color:rgb(244, 218, 11)  
}
```

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(244, 218, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 218, 11) }
```

Border

The CSS property to change the border of an element to YUV 202.1760, -94.2498, 36.6796 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(244, 218, 11) }
```


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

```
.border{ border-color:rgb(244, 218, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 218, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 218, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 218, 11);  
box-shadow:4px 4px 4px 4px rgb(244, 218,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 202.1760, -94.2498, 36.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 218, 11) }
```

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

```
.background{ background-color: rgb(244,  
218, 11) }
```

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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