

Converting Colors

YUV(202.5140, -96.8814,
40.7682)

Have a look what the booklet for
YUV(202.5140, -96.8814, 40.7682)
contains.

YUV(202.5140, -96.8814, 40.7682)	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(202.5140, -96.8814,
40.7682)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D906
RGB	249, 217, 6
RGB Percent	98%, 85%, 2%
CMY	0.0235, 0.1490, 0.9765
CMYK	0.00, 0.13, 0.98, 0.02
HSL	52°, 95%, 50%
HSV	52°, 98%, 98%
XYZ	63.9126, 69.7786, 10.2724
YIQ	202.5140, 86.8030, -58.8370

Conversions

Conversions Part 2

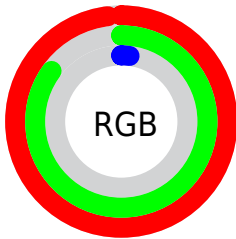
Format	Color
R _Y B	43, 249, 6
Decimal	16374022
CIE Lab	86.89, -5.44, 86.35
CIE LCh	87, 86.517, 93.603
Yxy	69.7786, 0.4440, 0.4847
Android (android.graphics.Color)	4294564102 (0xFFFF9D906)
YUV	202.5140, -96.8814, 40.7682
Hunter-Lab	83.5336, -9.6111, 51.1825

Details

The YUV color **202.5140, -96.8814, 40.7682** 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 **52.4860, 96.8814, -40.7682**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1900, -72.0717, 16.4964**, and **151.8930, -74.8832, 31.6658** is the 20% darker color. If you saturate the color by 10%, you get **201.2430, -99.2128, 41.8829**, and if you desaturate by 10%, it is **207.1250, -86.8296, 36.7244**.

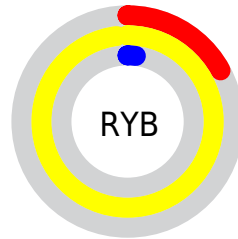
Distribution



Red (98%)

Green (85%)

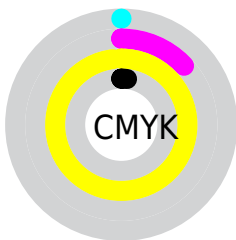
Blue (2%)



Red (17%)

Yellow (98%)

Blue (2%)

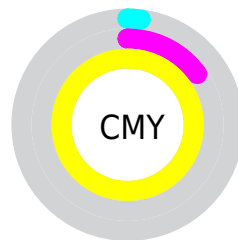


Cyan (0%)

Magenta (13%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5140, -96.8814, 40.7682 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 202.5140, -96.8814, 40.7682 by changing the saturation by 10% instead.

■ 202.5140,
-96.8814, 40.7682

■ 202.5140,
-96.8814, 40.7682

■ 255.0000, 0.0000,
0.0000

■ 176.1250,
-86.8296, 36.7244

■ 236.1900,
-72.0717, 16.4964

■ 151.8930,
-74.8832, 31.6658

■ 239.6100,
-58.9677, 13.4970

■ 127.6610,
-62.9369, 26.6073

■ 243.0300,
-45.8638, 10.4977

■ 104.0160,
-51.2799, 21.0340

■ 246.3360,
-33.1966, 7.5983

■ 81.2570, -40.0597,
15.5606

■ 249.7560,
-20.0927, 4.5990

■ 59.6830, -29.4237,
10.8020

■ 253.1760, -6.9888,

■ 38.9950, -19.2245,

1.5996

6.1434

■ 19.7800, -9.7515,
1.0699

■ 0.0000, 0.0000,
0.0000

■ 202.5140,
-96.8814, 40.7682

■ 202.5140,
-96.8814, 40.7682

■ 201.2430,
-99.2128, 41.8829

■ 207.1250,
-86.8296, 36.7244

■ 212.3230,
-77.0672, 32.1657

■ 216.9340,
-67.0155, 28.1219

■ 221.5450,
-56.9637, 24.0780

■ 226.1560,
-46.9119, 20.0342

■ 231.2400,
-37.5863, 15.5755

■ 235.8510,
-27.5345, 11.5317

■ 240.4620,
-17.4828, 7.4878

■ 245.6600, -7.7204,
2.9292

Harmonies

Analogous

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



192.4950, -64.3340, 54.8169



202.5140, -96.8814, 40.7682



196.6250, -65.3841, -28.6121

Triad

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



202.5140, -96.8814, 40.7682



178.7550, 37.5888, -156.7681



195.7130, 29.2285, 51.9947

Complementary

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



202.5140, -96.8814, 40.7682



52.4860, 96.8814, -40.7682

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.



210.2560, 22.0588, 18.1925



202.5140, -96.8814, 40.7682



172.8850, 40.4827, -151.6201

Square

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



202.5140, -96.8814, 40.7682



175.3350, 24.4848, -153.7688



160.5580, 46.5599, -140.8094



179.5440, 15.5078, 66.1749

Rectangle

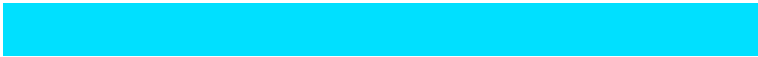
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202.5140, -96.8814, 40.7682



182.1930, -33.6191, -90.5003



160.5580, 46.5599, -140.8094



202.7570, 25.7558, 45.8171

Sweetspot

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



202.5140, -96.8814, 40.7682



240.6940, -29.4291, 12.5464



82.3050, -21.8424, 146.1915



119.3480, -17.9196, 7.5878



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.



202.5140, -96.8814, 40.7682



205.9720, -101.5442, 42.9976



194.6870, -93.0227, -30.4205



122.3440, -5.0996, 2.3293



152.7790, -75.3200, 31.7658



49.3500, -24.3295, 10.2171

Inverse Universe

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



52.4860, 96.8814, -40.7682



49.0280, 101.5442, -42.9976



60.3130, 93.0227, 30.4205



114.6560, 5.0996, -2.3293



36.2210, 75.3200, -31.7658



11.6500, 24.3296, -10.2171

Previews

White Background



This preview shows how the YUV color 202.5140, -96.8814, 40.7682 looks on a white background.

Color Contrast Check

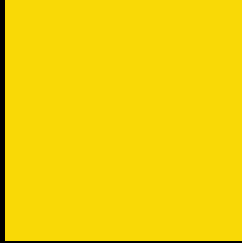
Large Text (above 18pt) WCAG AA × Fail

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 202.5140, -96.8814, 40.7682 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 202.5140, -96.8814, 40.7682

Background



This preview shows how black text looks on a background with the YUV color 202.5140, -96.8814, 40.7682.



This preview shows how white text looks on a background with the YUV color 202.5140, -96.8814,

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

202.5140, -96.8814, 40.7682

Protanopia

202.4320, -95.8550, 38.2091

Deuteranopia

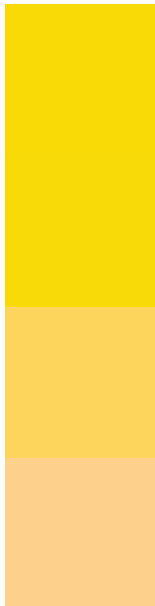
216.1760, -37.0618, 34.0486



Tritanopia

220.7310, -1.8394, 30.0539

Trichromacy



Original Color

202.5140, -96.8814, 40.7682

Protanomaly

202.6170, -96.4392, 38.9239

Deuteranomaly

211.1660, -58.7488, 36.6884

Tritanomaly

214.2900, -36.6250, 33.9487

Monochromacy



Original Color

202.5140, -96.8814, 40.7682

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.8100, -35.4023, 15.0756

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5140, -96.8814, 40.7682 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(249, 217, 6)` looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 6)  
}
```

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(249, 217, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 6) }
```

Border

The CSS property to change the border of an element to YUV 202.5140, -96.8814, 40.7682 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(249, 217, 6) }
```


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

```
.border{ border-color:rgb(249, 217, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 217, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 217, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 217, 6);  
box-shadow:4px 4px 4px 4px rgb(249, 217,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 202.5140, -96.8814, 40.7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 6) }
```

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

```
.background{ background-color: rgb(249,  
217, 6) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor