

Converting Colors

YUV(201.4090, 13.1094,
-4.7437)

Have a look what the booklet for
YUV(201.4090, 13.1094, -4.7437)
contains.

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Color

**YUV(201.4090, 13.1094,
-4.7437)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C7E4
RGB	196, 199, 228
RGB Percent	77%, 78%, 89%
CMY	0.2314, 0.2196, 0.1059
CMYK	0.14, 0.13, 0.00, 0.11
HSL	234°, 37%, 83%
HSV	234°, 14%, 89%
XYZ	57.1920, 58.1840, 81.6151
YIQ	201.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

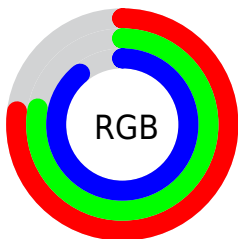
Format	Color
R _Y B	196, 199, 228
Decimal	12896228
CIE Lab	80.84, 4.70, -14.71
CIE LCh	81, 15.443, 287.725
Yxy	58.1840, 0.2903, 0.2954
Android (android.graphics.Color)	4291086308 (0xFFC4C7E4)
YUV	201.4090, 13.1094, -4.7437
Hunter-Lab	76.2785, 0.3482, -10.0431

Details

The YUV color $201.4090, 13.1094, -4.7437$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $222.5910, -13.1094, 4.7437$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $147.2950, 12.6726, -4.6437$ is the 20% darker color. If you saturate the color by 10%, you get $182.2050, 22.5769, -8.0728$, and if you desaturate by 10%, it is $220.6130, 3.6418, -1.4146$.

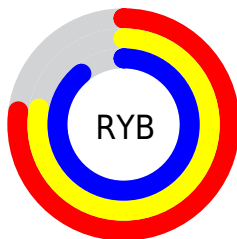
Distribution



Red (77%)

Green (78%)

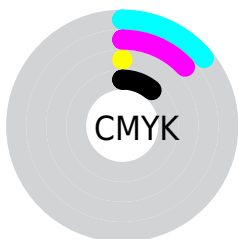
Blue (89%)



Red (77%)

Yellow (78%)

Blue (89%)

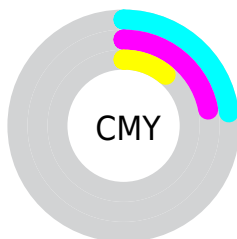


Cyan (14%)

Magenta (13%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.4090, 13.1094, -4.7437 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 201.4090, 13.1094, -4.7437 by changing the saturation by 10% instead.

■ 201.4090, 13.1094,
-4.7437

■ 201.4090, 13.1094,
-4.7437

255.0000, 0.0000,
0.0000

■ 174.2950, 12.6726,
-4.6437

254.4020, 0.2948,
-1.2296

■ 147.2950, 12.6726,
-4.6437

■ 121.7680, 11.9464,
-5.0585

■ 96.6540, 11.5096,
-4.9586

■ 72.8390, 10.9254,
-4.2438

■ 50.4260, 10.6360,
-4.7586

■ 28.8990, 9.9098,

-5.1734

■ 3.8930, 12.3778,
-3.4142

■ 0.0000, 0.0000,
0.0000

■ 201.4090, 13.1094,
-4.7437

■ 201.4090, 13.1094,
-4.7437

■ 182.2050, 22.5769,
-8.0728

■ 220.6130, 3.6418,
-1.4146

■ 163.5880, 31.7551,
-11.9167

■ 239.2300, -5.5364,
2.4293

■ 144.6830, 41.0753,
-14.6310

■ 251.9220,
-11.7935, 2.6994

■ 125.4790, 50.5429,
-17.9601

■ 106.8620, 59.7210,
-21.8040

■ 87.6580, 69.1886,
-25.1331

■ 68.4540, 78.6562,
-28.4622

■ 50.1360, 87.6870,
-31.6913

■ 38.3190, 93.5127,
-33.6058

Harmonies

Analogous

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



198.9620, 14.3157, -18.3837



201.4090, 13.1094, -4.7437



202.9440, 8.4086, 9.6961

Triad

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



201.4090, 13.1094, -4.7437



201.9830, -10.8376, 22.8169



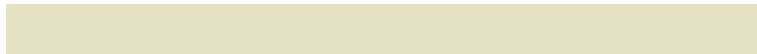
196.2270, -1.0979, -21.2471

Complementary

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



201.4090, 13.1094, -4.7437



222.5910, -13.1094, 4.7437

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.



197.4690, -8.1192, -9.1813



201.4090, 13.1094, -4.7437



201.1300, -13.8681, 14.7950

Square

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



201.4090, 13.1094, -4.7437



203.3730, -5.6069, 25.1059



198.9930, -12.8145, 3.5141



195.5450, 6.6333, -27.6650

Rectangle

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



201.4090, 13.1094, -4.7437



203.5490, 4.1663, 17.0585



198.9930, -12.8145, 3.5141



196.2660, -3.5821, -17.7733

Sweetspot

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



201.4090, 13.1094, -4.7437



246.7270, 4.0786, -1.5146



218.0900, 3.4066, -19.3729



122.3850, 2.7682, -1.2146



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.



201.4090, 13.1094, -4.7437



219.2500, 17.6248, -6.3582



203.5350, 12.0612, 4.7928



104.9550, 4.9522, -1.7145



30.3850, 73.2672, -26.6476



8.7490, 20.8297, -7.6729

Inverse Universe

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



205.9100, -3.4066, 19.3729



225.3130, -4.5913, 26.0355



220.4650, -12.0612, -4.7928



106.7020, -1.3321, 7.2773



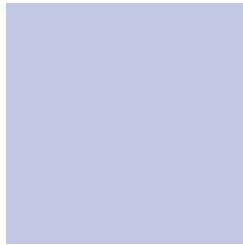
55.4590, -18.9603, 108.3455



15.8190, -5.3338, 30.8537

Previews

White Background



This preview shows how the YUV color 201.4090, 13.1094, -4.7437 looks on a white background.

Color Contrast Check

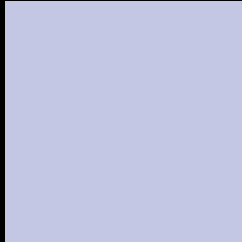
Large Text (above 18pt) WCAG AA × Fail

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 201.4090, 13.1094, -4.7437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

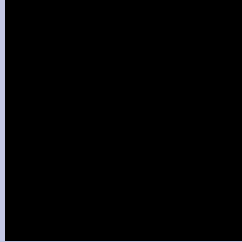
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 201.4090, 13.1094, -4.7437

Background



This preview shows how black text looks on a background with the YUV color 201.4090, 13.1094, -4.7437.



This preview shows how white text looks on a background with the YUV color 201.4090, 13.1094, -4.7437.

-4.7437.

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

201.4090, 13.1094, -4.7437

Protanopia

201.4090, 13.1094, -4.7437

Deuteranopia

202.4640, 13.0822, 3.9781



Tritanopia

200.7310, 8.0206, -5.9031

Trichromacy



Original Color

201.4090, 13.1094, -4.7437

Protanomaly

201.4090, 13.1094, -4.7437

Deuteranomaly

201.8550, 13.3825, 1.0042

Tritanomaly

200.8990, 9.9098, -5.1734

Monochromacy



Original Color

201.4090, 13.1094, -4.7437

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9550, 4.9522, -1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.4090, 13.1094, -4.7437 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(196, 199, 228)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 228)  
}
```

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(196, 199, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 228) }
```

Border

The CSS property to change the border of an element to YUV 201.4090, 13.1094, -4.7437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

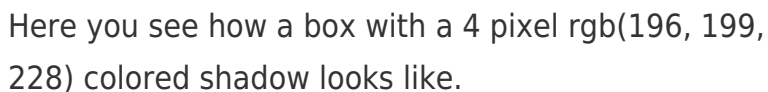
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 199, 228) }
```


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

```
.border{ border-color:rgb(196, 199, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 199, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 199, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 199, 228); box-shadow:4px 4px 4px 4px rgb(196, 199, 228) }
```

Background

The CSS property to change the background color of an element to YUV 201.4090, 13.1094, -4.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 228) }
```

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

```
.background{ background-color: rgb(196,  
199, 228) }
```

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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