

Converting Colors

YUV(201.3040, -75.0859,
3.2414)

Have a look what the booklet for
YUV(201.3040, -75.0859, 3.2414)
contains.

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Color

**YUV(201.3040, -75.0859,
3.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE531
RGB	205, 229, 49
RGB Percent	80%, 90%, 19%
CMY	0.1961, 0.1020, 0.8078
CMYK	0.10, 0.00, 0.79, 0.10
HSL	68°, 78%, 55%
HSV	68°, 79%, 90%
XYZ	53.7505, 69.2395, 13.4373
YIQ	201.3040, 43.4760, -61.0680

Conversions

Conversions Part 2

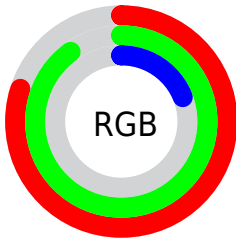
Format	Color
R _Y B	49, 229, 73
Decimal	13493553
CIE Lab	86.62, -28.86, 77.36
CIE LCh	87, 82.569, 110.459
Yxy	69.2395, 0.3940, 0.5075
Android (android.graphics.Color)	4291683633 (0xFFCDE531)
YUV	201.3040, -75.0859, 3.2414
Hunter-Lab	83.2103, -30.3141, 48.6727

Details

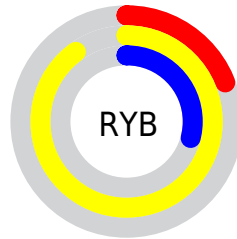
The YUV color **201.3040, -75.0859, 3.2414** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **76.6960, 75.0859, -3.2414**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5840, -62.8989, 14.3968**, and **145.7920, -71.8755, 0.1824** is the 20% darker color. If you saturate the color by 10%, you get **197.7850, -84.6900, 3.6966**, and if you desaturate by 10%, it is **204.8230, -65.4817, 2.7862**.

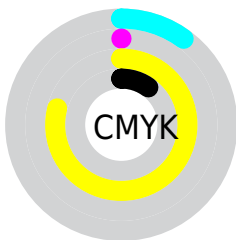
Distribution



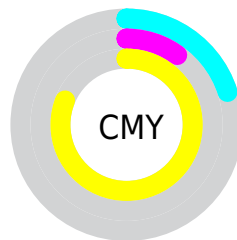
- Red (80%)
- Green (90%)
- Blue (19%)



- Red (19%)
- Yellow (90%)
- Blue (29%)



- Cyan (10%)
- Magenta (0%)
- Yellow (79%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.3040, -75.0859, 3.2414 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 201.3040, -75.0859, 3.2414 by changing the saturation by 10% instead.

■ 201.3040,
-75.0859, 3.2414

■ 201.3040,
-75.0859, 3.2414

■ 255.0000, 0.0000,
0.0000

■ 170.6110,
-84.1112, 4.7262

■ 238.5840,
-62.8989, 14.3968

■ 145.7920,
-71.8755, 0.1824

■ 241.8900,
-50.2318, 11.4975

■ 121.5710,
-59.9345, -3.1318

■ 245.1960,
-37.5646, 8.5981

■ 97.9370, -48.2829,
-6.9607

■ 248.5020,
-24.8975, 5.6987

■ 74.8900, -36.9208,
-11.3045

■ 251.8080,
-12.2303, 2.7994

■ 52.1310, -25.7006,
-16.7779

■ 29.6490, -14.6170,

-25.1252

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 201.3040,
-75.0859, 3.2414

■ 201.3040,
-75.0859, 3.2414

■ 197.7850,
-84.6900, 3.6966

■ 204.8230,
-65.4817, 2.7862

■ 194.2660,
-94.2941, 4.1517

■ 208.3420,
-55.8776, 2.3311

■ 193.6250,
-95.4571, 3.8369

■ 211.8610,
-46.2735, 1.8759

■ 215.3800,
-36.6693, 1.4207

■ 218.7850,
-27.5020, 1.0656

■ 222.3040,
-17.8979, 0.6104

■ 225.8230, -8.2937,
0.1552

■ 229.3420, 1.3104,
-0.2999

■ 232.8610, 10.9145,
-0.7551

Harmonies

Analogous

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



200.8950, -77.8422, 47.4501



201.3040, -75.0859, 3.2414



188.1630, -38.0414, -72.0570

Triad

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



201.3040, -75.0859, 3.2414



174.6460, 39.6145, -153.1645



188.7030, 27.7544, 58.1425

Complementary

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



201.3040, -75.0859, 3.2414



76.6960, 75.0859, -3.2414

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.



206.2790, 24.0195, 42.7283



201.3040, -75.0859, 3.2414



165.8410, 43.9554, -145.4426

Square

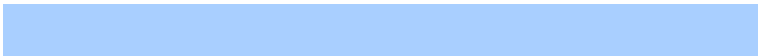
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201.3040, -75.0859, 3.2414



178.1680, 37.8782, -156.2533



201.1100, 26.5678, -28.1605



180.3980, -6.6052, 65.4260

Rectangle

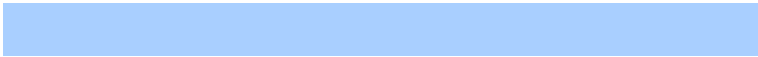
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201.3040, -75.0859, 3.2414



165.6910, -2.3127, -145.3110



201.1100, 26.5678, -28.1605



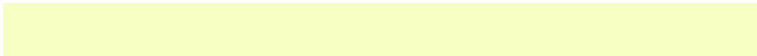
193.9520, 30.0967, 53.5391

Sweetspot

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



201.3040, -75.0859, 3.2414



245.6540, -25.4654, 1.1804



116.9080, -33.4786, 98.3047



122.2870, -15.4245, 0.6253



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.



201.3040, -75.0859, 3.2414



218.0720, -100.1145, 4.3219



174.3940, -61.8192, -52.0885



113.0340, -4.9468, -0.0298



151.4180, -74.6491, 3.1414



43.0930, -21.2448, 0.7954

Inverse Universe

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



76.6960, 75.0859, -3.2414



51.9280, 100.1145, -4.3219



103.6060, 61.8192, 52.0885



104.9660, 4.9468, 0.0298



27.5820, 74.6491, -3.1414



7.9070, 21.2448, -0.7954

Previews

White Background



This preview shows how the YUV color 201.3040, -75.0859, 3.2414 looks on a white background.

Color Contrast Check

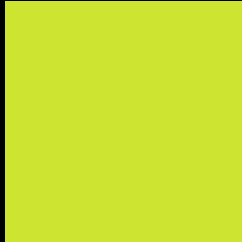
Large Text (above 18pt) WCAG AA × Fail

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 201.3040, -75.0859, 3.2414 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 201.3040, -75.0859, 3.2414

Background



This preview shows how black text looks on a background with the YUV color 201.3040, -75.0859, 3.2414.



This preview shows how white text looks on a background with the YUV color 201.3040, -75.0859, 3.2414.

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

201.3040, -75.0859, 3.2414

Protanopia

205.2800, -78.5250, 33.0804

Deuteranopia

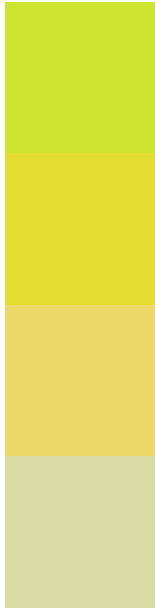
214.6600, -37.7934, 35.3782



Tritanopia

217.6290, 6.0989, 3.8334

Trichromacy



Original Color

201.3040, -75.0859, 3.2414

Protanomaly

203.5560, -77.1821, 22.3144

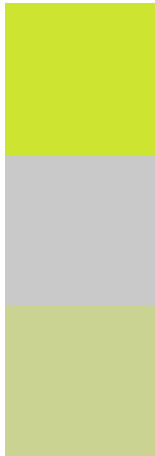
Deuteranomaly

209.7390, -51.1433, 23.9079

Tritanomaly

211.8330, -23.5817, 3.6545

Monochromacy



Original Color

201.3040, -75.0859, 3.2414

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.8990, -27.0652, 0.9656

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.3040, -75.0859, 3.2414 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, 229, 49)` looks like.

```
.text, #text, p{  
    color:rgb(205, 229, 49)  
}
```

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, 229, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 229, 49) }
```

Border

The CSS property to change the border of an element to YUV 201.3040, -75.0859, 3.2414 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, 229, 49) }
```


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

```
.border{ border-color:rgb(205, 229, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 229, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 229, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 229, 49);  
box-shadow:4px 4px 4px 4px rgb(205, 229,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 201.3040, -75.0859, 3.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 229, 49) }
```

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

```
.background{ background-color: rgb(205,  
229, 49) }
```

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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