

Converting Colors

YUV(201.2790, 13.6665, 3.2633)

Have a look what the booklet for
YUV(201.2790, 13.6665, 3.2633)
contains.

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Color

**YUV(201.2790, 13.6665,
3.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC2E5
RGB	205, 194, 229
RGB Percent	80%, 76%, 90%
CMY	0.1961, 0.2392, 0.1020
CMYK	0.10, 0.15, 0.00, 0.10
HSL	259°, 40%, 83%
HSV	259°, 15%, 90%
XYZ	58.6115, 57.2199, 82.0841
YIQ	201.2790, -4.6790, 13.2170

Conversions

Conversions Part 2

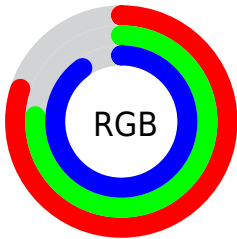
Format	Color
R _Y B	205, 194, 229
Decimal	13484773
CIE _{Lab}	80.30, 10.48, -15.98
CIE _{LCh}	80, 19.116, 303.260
Y _{xy}	57.2199, 0.2961, 0.2891
Android (android.graphics.Color)	4291674853 (0xFFCDC2E5)
YUV	201.2790, 13.6665, 3.2633
Hunter-Lab	75.6438, 5.9314, -11.3873

Details

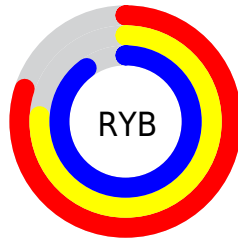
The YUV color $201.2790, 13.6665, 3.2633$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $221.7210, -13.6665, -3.2633$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.4470, 2.5740$, and $147.0510, 12.7929, 3.4633$ is the 20% darker color. If you saturate the color by 10%, you get $182.9940, 22.6810, 5.2673$, and if you desaturate by 10%, it is $219.5640, 4.6519, 1.2594$.

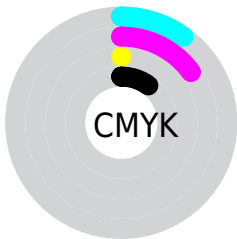
Distribution



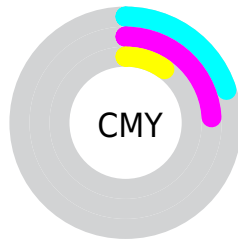
- Red (80%)
- Green (76%)
- Blue (90%)



- Red (80%)
- Yellow (76%)
- Blue (90%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.2790, 13.6665, 3.2633 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 201.2790, 13.6665, 3.2633 by changing the saturation by 10% instead.

■ 201.2790, 13.6665,
3.2633

■ 201.2790, 13.6665,
3.2633

■ 255.0000, 0.0000,
0.0000

■ 173.8660, 13.3771,
2.7485

■ 252.0650, 1.4470,
2.5740

■ 147.0510, 12.7929,
3.4633

■ 121.6380, 12.5035,
2.9485

■ 96.2250, 12.2141,
2.4337

■ 72.6980, 11.4879,
2.0189

■ 50.1710, 10.7617,
1.6040

■ 28.7580, 10.4723,

1.0892

■ 6.2960, 11.1931,
3.2484

■ 0.0000, 0.0000,
0.0000

■ 201.2790, 13.6665,
3.2633

■ 201.2790, 13.6665,
3.2633

■ 182.9940, 22.6810,
5.2673

■ 219.5640, 4.6519,
1.2594

■ 165.0080, 31.5481,
7.8860

■ 237.5500, -4.2151,
-1.3593

■ 146.7230, 40.5626,
9.8899

■ 251.1390,
-10.9145, 0.7551

■ 128.4380, 49.5771,
11.8939

■ 252.0360,
-11.3567, 2.5994

■ 110.1530, 58.5916,
13.8978

■ 92.7540, 67.1693,
16.0017

■ 74.4690, 76.1838,
18.0057

■ 56.1840, 85.1983,
20.0096

■ 47.6340, 89.4134,
21.3690

Harmonies

Analogous

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



198.4940, 17.5045, -14.4652



201.2790, 13.6665, 3.2633



202.5430, 6.6343, 18.8178

Triad

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



201.2790, 13.6665, 3.2633



200.3160, -15.9318, 23.4019



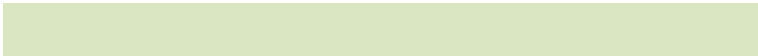
192.8280, 4.0288, -32.2982

Complementary

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



201.2790, 13.6665, 3.2633



221.7210, -13.6665, -3.2633

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.



194.0870, -5.4659, -20.2473



201.2790, 13.6665, 3.2633



198.5980, -17.0568, 10.8766

Square

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



201.2790, 13.6665, 3.2633



201.4400, -10.5699, 30.3091



196.1230, -13.3716, -4.4929



192.9830, 12.3334, -35.9421

Rectangle

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



201.2790, 13.6665, 3.2633



202.6920, 0.6448, 26.5801



196.1230, -13.3716, -4.4929



192.6390, 0.6710, -28.6244

Sweetspot

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



201.2790, 13.6665, 3.2633



244.6780, 5.0887, 1.1594



212.6650, 8.0532, -16.3692



121.5100, 3.1996, 0.4297



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.



201.2790, 13.6665, 3.2633



218.7290, 17.8816, 4.6227



206.3620, 11.1605, 13.7145



105.5640, 4.6519, 1.2594



37.1500, 69.9320, 16.5314



10.5980, 19.9182, 4.7376

Inverse Universe

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



207.2010, 5.3239, 19.1177



226.4020, 7.1968, 25.0804



216.6380, -11.1605, -13.7145



107.5000, 1.7255, 6.5775



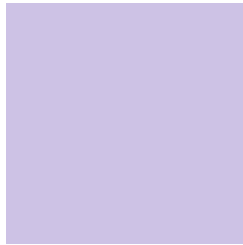
67.4290, 26.9035, 97.8478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 201.2790, 13.6665, 3.2633 looks on a white background.

Color Contrast Check

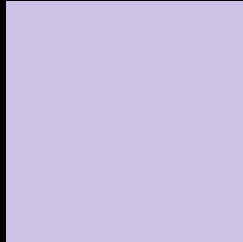
Large Text (above 18pt) WCAG AA × Fail

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 201.2790, 13.6665, 3.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

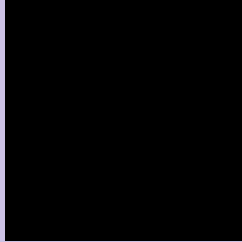
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.2790, 13.6665, 3.2633

Background



This preview shows how black text looks on a background with the YUV color 201.2790, 13.6665, 3.2633.



This preview shows how white text looks on a background with the YUV color 201.2790, 13.6665, 3.2633.

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

201.2790, 13.6665, 3.2633

Protanopia

200.2670, 15.1514, -6.3732

Deuteranopia

200.9800, 13.8139, 2.6485



Tritanopia

200.2050, 5.8149, 1.5742

Trichromacy



Original Color

201.2790, 13.6665, 3.2633

Protanomaly

200.7620, 14.4143, -3.2993

Deuteranomaly

200.9800, 13.8139, 2.6485

Tritanomaly

200.6010, 8.5777, 2.1039

Monochromacy



Original Color

201.2790, 13.6665, 3.2633

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.2790, 13.6665, 3.2633 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, 194, 229)` looks like.

```
.text, #text, p{  
    color:rgb(205, 194, 229)  
}
```

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, 194, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 194, 229) }
```

Border

The CSS property to change the border of an element to YUV 201.2790, 13.6665, 3.2633 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, 194, 229) }
```


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

```
.border{ border-color:rgb(205, 194, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 194, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 194, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 194, 229);  
box-shadow:4px 4px 4px 4px rgb(205, 194,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 201.2790, 13.6665, 3.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 194, 229) }
```

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

```
.background{ background-color: rgb(205,  
194, 229) }
```

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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