

Converting Colors

YUV(201.5010, -7.1490,
-87.2624)

Have a look what the booklet for
YUV(201.5010, -7.1490, -87.2624)
contains.

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Color

**YUV(201.5010, -7.1490,
-87.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	66FFBB
RGB	102, 255, 187
RGB Percent	40%, 100%, 73%
CMY	0.6000, 0.0000, 0.2667
CMYK	0.60, 0.00, 0.27, 0.00
HSL	153°, 100%, 70%
HSV	153°, 60%, 100%
XYZ	50.2091, 77.9326, 59.4099
YIQ	201.5010, -69.3600, -53.5840

Conversions

Conversions Part 2

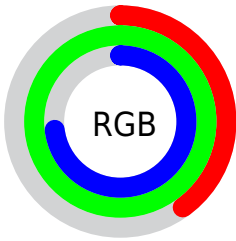
Format	Color
RYB	102, 200, 255
Decimal	6750139
CIELab	90.75, -55.94, 20.62
CIELCh	91, 59.616, 159.763
Yxy	77.9326, 0.2677, 0.4155
Android (android.graphics.Color)	4284940219 (0xFF66FFBB)
YUV	201.5010, -7.1490, -87.2624
Hunter-Lab	88.2795, -52.9668, 21.8949

Details

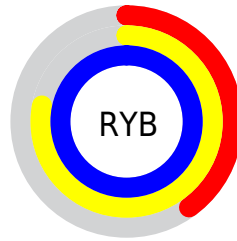
The YUV color **201.5010, -7.1490, -87.2624** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **155.4990, 7.1490, 87.2624**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7220, 8.0251, -54.1302**, and **134.5030, -0.2480, -107.4351** is the 20% darker color. If you saturate the color by 10%, you get **192.7720, -8.2686, -101.5320**, and if you desaturate by 10%, it is **210.5290, -6.1768, -72.3779**.

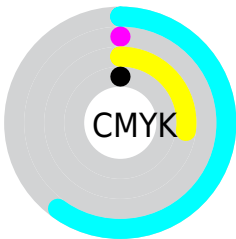
Distribution



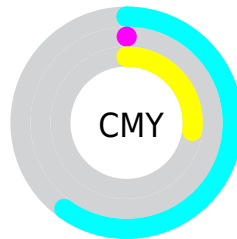
- Red (40%)
- Green (100%)
- Blue (73%)



- Red (40%)
- Yellow (78%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (60%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.5010, -7.1490, -87.2624 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 201.5010, -7.1490, -87.2624 by changing the saturation by 10% instead.


 201.5010, -7.1490,
-87.2624

 201.5010, -7.1490,
-87.2624

255.0000, 0.0000,
0.0000

 170.9350, -5.3910,
-91.1510


 226.7220, 8.0251,
-54.1302


 134.5030, -0.2480,
-107.4351


 237.0600, 8.8444,
-36.8866

 111.5150, -1.7329,
-97.7987

 246.3290, 4.2748,
-17.8285

 92.9300, -4.4025,
-81.4996

 74.3450, -7.0721,
-65.2006

 57.1620, -9.4469,
-50.1311

 39.9790, -11.8216,

-35.0616

■ 24.6540, -12.1544,
-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 201.5010, -7.1490,
-87.2624

■ 201.5010, -7.1490,
-87.2624

■ 192.7720, -8.2686,
-101.5320

■ 210.5290, -6.1768,
-72.3779

■ 183.6300, -9.6776,
-116.3165

■ 219.3720, -4.6204,
-58.2082

■ 174.6020,
-10.6498, -131.2010

■ 228.4000, -3.6482,
-43.3238

■ 165.8730,
-11.7694, -145.4706

■ 237.1290, -2.5286,
-29.0541

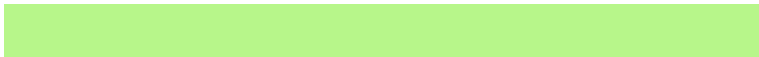
■ 246.2710, -1.1196,
-14.2697

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



214.8510, -37.8875, -27.9333



201.5010, -7.1490, -87.2624



177.7290, 33.6576, -155.8683

Triad

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



201.5010, -7.1490, -87.2624



213.1380, 20.6380, -39.5860



206.9610, -24.1378, 42.1302

Complementary

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



201.5010, -7.1490, -87.2624



155.4990, 7.1490, 87.2624

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.



206.6600, 2.6326, 42.3942



201.5010, -7.1490, -87.2624



226.2370, 14.1802, 25.2252

Square

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



201.5010, -7.1490, -87.2624



172.8850, 40.4827, -151.6201



215.0840, 19.6786, 35.0063



214.4830, -46.0871, 35.5334

Rectangle

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



201.5010, -7.1490, -87.2624



178.7550, 37.5888, -156.7681



215.0840, 19.6786, 35.0063



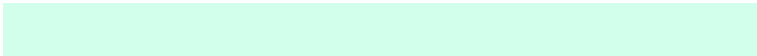
205.9640, -15.2653, 43.0046

Sweetspot

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



201.5010, -7.1490, -87.2624



238.9660, -1.9552, -26.2802



212.4420, -54.4479, -36.3446



117.8470, -1.4036, -16.5288



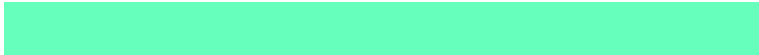
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



201.5010, -7.1490, -87.2624



190.6360, -8.6945, -104.9208



204.5570, 24.8684, -89.9425



123.4290, -0.7045, -7.3922



124.2010, -8.9731, -108.9243



41.5580, -3.2331, -36.4464

Inverse Universe

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



155.4990, 7.1490, 87.2624



135.3640, 8.6945, 104.9208



152.4430, -24.8684, 89.9425



119.4570, 0.2677, 7.4922



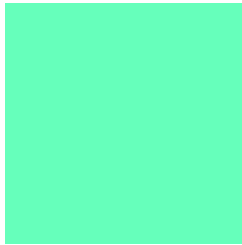
66.7990, 8.9731, 108.9243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 201.5010, -7.1490, -87.2624 looks on a white background.

Color Contrast Check

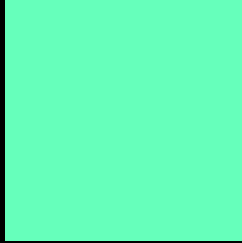
Large Text (above 18pt) WCAG AA × Fail

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 201.5010, -7.1490, -87.2624 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 201.5010, -7.1490, -87.2624 Background



This preview shows how black text looks on a background with the YUV color 201.5010, -7.1490, -87.2624.



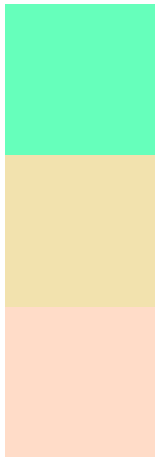
This preview shows how white text looks on a background with the YUV color 201.5010, -7.1490,

-87.2624.

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

201.5010, -7.1490, -87.2624

Protanopia

224.8560, -25.0720, 15.0353

Deuteranopia

228.1850, -13.8952, 23.5168



Tritanopia

218.3880, 18.0497, -49.4523

Trichromacy



Original Color

201.5010, -7.1490, -87.2624



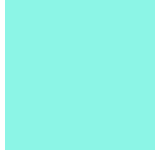
Protanomaly

216.6340, -18.5536, -22.4810



Deuteranomaly

218.5020, -11.5865, -17.1033



Tritanomaly

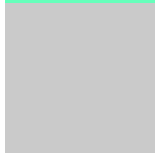
211.8950, 8.9258, -63.0519

Monochromacy



Original Color

201.5010, -7.1490, -87.2624



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.8190, -2.3758, -31.4133

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.5010, -7.1490, -87.2624 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(102, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 187)  
}
```

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(102, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 187) }
```

Border

The CSS property to change the border of an element to YUV 201.5010, -7.1490, -87.2624 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(102, 255, 187) }
```


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

```
.border{ border-color:rgb(102, 255, 187) }
```

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

Here you see how a box with a 4 pixel rgb(102, 255, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 201.5010, -7.1490, -87.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 187) }
```

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

```
.background{ background-color: rgb(102,  
255, 187) }
```

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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