

Converting Colors

YUV(203.3250, -0.1602,
-88.8620)

Have a look what the booklet for
YUV(203.3250, -0.1602, -88.8620)
contains.

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Color

**YUV(203.3250, -0.1602,
-88.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	66FFCB
RGB	102, 255, 203
RGB Percent	40%, 100%, 80%
CMY	0.6000, 0.0000, 0.2039
CMYK	0.60, 0.00, 0.20, 0.00
HSL	160°, 100%, 70%
HSV	160°, 60%, 100%
XYZ	52.0190, 78.6566, 68.9405
YIQ	203.3250, -74.4960, -48.6080

Conversions

Conversions Part 2

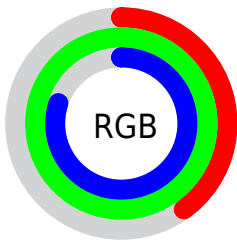
Format	Color
RYB	102, 194, 255
Decimal	6750155
CIELab	91.08, -52.56, 12.88
CIELCh	91, 54.113, 166.230
Yxy	78.6566, 0.2606, 0.3940
Android (android.graphics.Color)	4284940235 (0xFF66FFCB)
YUV	203.3250, -0.1602, -88.8620
Hunter-Lab	88.6885, -50.5084, 15.9940

Details

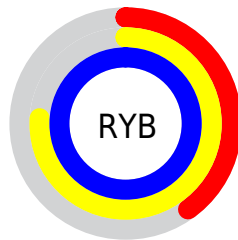
The YUV color **203.3250, -0.1602, -88.8620** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **153.6750, 0.1602, 88.8620**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, 13.2666, -55.3299**, and **135.6150, 6.5988, -110.1644** is the 20% darker color. If you saturate the color by 10%, you get **194.8240, -0.4062, -103.3316**, and if you desaturate by 10%, it is **212.1250, -0.0616, -73.7776**.

Distribution



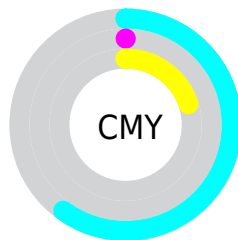
- Red (40%)
- Green (100%)
- Blue (80%)



- Red (40%)
- Yellow (76%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3250, -0.1602, -88.8620 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 203.3250, -0.1602, -88.8620 by changing the saturation by 10% instead.

 203.3250, -0.1602,
-88.8620

 203.3250, -0.1602,
-88.8620

255.0000, 0.0000,
0.0000

 172.7590, 1.5978,
-92.7506


 228.0900, 13.2666,
-55.3299


 135.6150, 6.5988,
-110.1644

 237.3590, 8.6970,
-36.2718

 113.2250, 4.8191,
-99.2983

 246.3290, 4.2748,
-17.8285

 94.5260, 1.7127,
-82.8993

 76.5280, -1.2463,
-67.1151

 58.6440, -3.7685,
-51.4308

 41.5750, -5.7065,

-36.4613

■ 26.0390, -9.3862,
-22.8362

■ 4.1090, -2.0257,
-3.6036

■ 203.3250, -0.1602,
-88.8620

■ 203.3250, -0.1602,
-88.8620

■ 194.8240, -0.4062,
-103.3316

■ 212.1250, -0.0616,
-73.7776

■ 186.1380, -0.0680,
-118.5160

■ 220.5120, -0.2524,
-59.2080

■ 177.3380, -0.1666,
-133.6004

■ 229.3120, -0.1538,
-44.1236

■ 168.8370, -0.4126,
-148.0700

■ 237.8130, 0.0922,
-29.6540

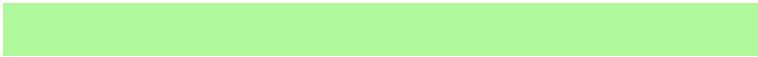
■ 246.4990, -0.2460,
-14.4696

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.



215.9840, -29.5721, -35.0660



203.3250, -0.1602, -88.8620



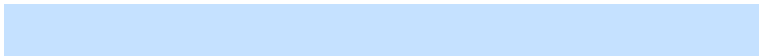
178.7550, 37.5888, -156.7681

Triad

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



203.3250, -0.1602, -88.8620



220.0480, 17.2313, -20.2131



211.5430, -26.8897, 38.1118

Complementary

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



203.3250, -0.1602, -88.8620



153.6750, 0.1602, 88.8620

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.



209.7430, -3.3243, 39.6904



203.3250, -0.1602, -88.8620



225.6500, 14.4696, 25.7400

Square

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



203.3250, -0.1602, -88.8620



199.2300, 27.4946, -92.2867



216.8450, 18.8104, 33.4619



218.8030, -44.7659, 31.7448

Rectangle

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



203.3250, -0.1602, -88.8620



178.1680, 37.8782, -156.2533



216.8450, 18.8104, 33.4619



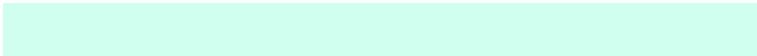
210.2040, -19.3276, 39.2861

Sweetspot

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



203.3250, -0.1602, -88.8620



239.4220, -0.2080, -26.6801



207.9570, -52.2368, -45.5663



118.1890, -0.0932, -16.8288



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.



203.3250, -0.1602, -88.8620



192.9160, 0.0414, -106.9203



195.7520, 29.2093, -82.2205



123.5430, -0.2677, -7.4922



126.4810, -0.2371, -110.9238



42.3560, -0.1755, -37.1462

Inverse Universe

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



153.6750, 0.1602, 88.8620



133.1980, 0.3954, 106.8204



161.2480, -29.2093, 82.2205



119.3430, -0.1691, 7.5922



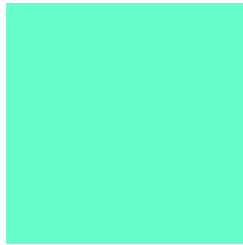
64.5190, 0.2371, 110.9238



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 203.3250, -0.1602, -88.8620 looks on a white background.

Color Contrast Check

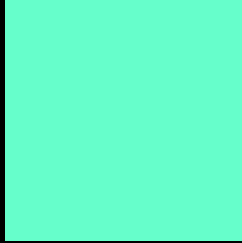
Large Text (above 18pt) WCAG AA × Fail

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 203.3250, -0.1602, -88.8620 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 203.3250, -0.1602, -88.8620

Background



This preview shows how black text looks on a background with the YUV color 203.3250, -0.1602, -88.8620.



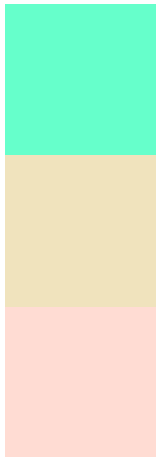
This preview shows how white text looks on a background with the YUV color 203.3250, -0.1602,

-88.8620.

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

203.3250, -0.1602, -88.8620

Protanopia

226.5550, -18.5146, 11.7913

Deuteranopia

229.4390, -9.0904, 22.4170



Tritanopia

219.8720, 17.3181, -48.1227

Trichromacy



Original Color

203.3250, -0.1602, -88.8620



Protanomaly

218.0450, -11.8542, -24.5955



Deuteranomaly

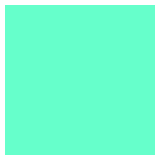
219.9840, -5.9081, -18.4030



Tritanomaly

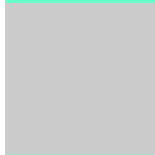
213.7640, 10.9623, -62.9370

Monochromacy



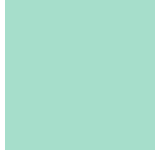
Original Color

203.3250, -0.1602, -88.8620



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.0900, -0.0444, -32.5279

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3250, -0.1602, -88.8620 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 203) }
```

Border

The CSS property to change the border of an element to YUV 203.3250, -0.1602, -88.8620 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, 203) }
```


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

```
.border{ border-color:rgb(102, 255, 203) }
```

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, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 203.3250, -0.1602, -88.8620 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, 203) }
```

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

```
.background{ background-color: rgb(102,  
255, 203) }
```

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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