

Converting Colors

YUV(203.8230, -5.3357,
-62.1118)

Have a look what the booklet for
YUV(203.8230, -5.3357, -62.1118)
contains.

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Color

**YUV(203.8230, -5.3357,
-62.1118)**

Conversions

Conversions Part 1

Format	Color
Hex	85F2C1
RGB	133, 242, 193
RGB Percent	52%, 95%, 76%
CMY	0.4784, 0.0510, 0.2431
CMYK	0.45, 0.00, 0.20, 0.05
HSL	153°, 81%, 74%
HSV	153°, 45%, 95%
XYZ	51.0506, 72.3411, 61.7246
YIQ	203.8230, -49.2350, -38.3470

Conversions

Conversions Part 2

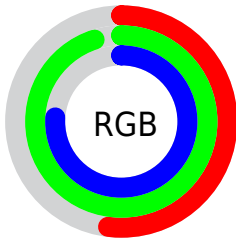
Format	Color
RYB	133, 203, 242
Decimal	8778433
CIELab	88.13, -42.41, 14.01
CIELCh	88, 44.667, 161.715
Yxy	72.3411, 0.2758, 0.3908
Android (android.graphics.Color)	4286968513 (0xFF85F2C1)
YUV	203.8230, -5.3357, -62.1118
Hunter-Lab	85.0535, -41.7049, 16.5098

Details

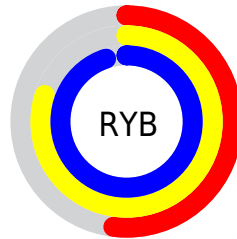
The YUV color **203.8230, -5.3357, -62.1118** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **171.1770, 5.3357, 62.1118**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2940, 7.2501, -38.8458**, and **146.8660, -3.8779, -63.0265** is the 20% darker color. If you saturate the color by 10%, you get **195.3930, -6.6027, -75.7667**, and if you desaturate by 10%, it is **212.2530, -4.0687, -48.4569**.

Distribution



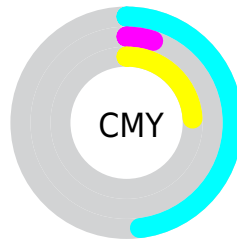
- Red (52%)
- Green (95%)
- Blue (76%)



- Red (52%)
- Yellow (80%)
- Blue (95%)



- Cyan (45%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)



- Cyan (48%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.8230, -5.3357, -62.1118 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 203.8230, -5.3357, -62.1118 by changing the saturation by 10% instead.

 203.8230, -5.3357,
-62.1118


 203.8230, -5.3357,
-62.1118

255.0000, 0.0000,
0.0000


 175.0510, -4.4621,
-62.3117

 235.2940, 7.2501,
-38.8458


 146.8660, -3.8779,
-63.0265


 244.5350, 5.1592,
-21.5172

 118.3000, -2.1199,
-66.9151

 253.5050, 0.7370,
-3.0739

 87.0430, 0.9648,
-76.3367

 69.1590, -1.5574,
-60.6524

 51.8620, -4.3690,
-45.4830

 35.3800, -6.5963,

-31.0283

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 203.8230, -5.3357,
-62.1118

■ 203.8230, -5.3357,
-62.1118

■ 195.3930, -6.6027,
-75.7667

■ 212.2530, -4.0687,
-48.4569

■ 186.9630, -7.8698,
-89.4216

■ 220.6830, -2.8017,
-34.8020

■ 178.2340, -8.9894,
-103.6912

■ 229.4120, -1.6821,
-20.5323

■ 169.8040,
-10.2564, -117.3461

■ 237.8420, -0.4151,
-6.8774

■ 161.4880,
-11.0866, -131.1010

■ 246.1580, 0.4151,
6.8774

■ 157.2160,
-11.9385, -137.8784

■ 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



211.3430, -27.2841, -22.2258



203.8230, -5.3357, -62.1118



192.6710, 21.8542, -103.1975

Triad

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



203.8230, -5.3357, -62.1118



214.1230, 20.1524, -23.7869



210.2210, -21.8010, 39.2712

Complementary

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



203.8230, -5.3357, -62.1118



171.1770, 5.3357, 62.1118

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.



210.0850, -2.0139, 39.3905



203.8230, -5.3357, -62.1118



222.6710, 15.9382, 21.3365

Square

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



203.8230, -5.3357, -62.1118



200.2260, 27.0036, -74.7432



217.3350, 15.6108, 33.0322



215.0020, -36.4830, 35.0782

Rectangle

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



203.8230, -5.3357, -62.1118



185.7640, 34.1333, -121.6960



217.3350, 15.6108, 33.0322



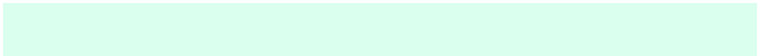
209.3550, -14.9650, 40.0307

Sweetspot

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



203.8230, -5.3357, -62.1118



242.4120, -1.6821, -20.5323



211.6340, -38.7666, -25.9890



120.2820, -1.1250, -12.5253



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.



203.8230, -5.3357, -62.1118



206.6700, -6.7393, -78.6406



206.4740, 17.5143, -64.4367



115.7280, -0.8519, -6.7775



119.5220, -9.1313, -104.8208



36.4060, -2.6652, -31.9281

Inverse Universe

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



171.1770, 5.3357, 62.1118



165.3300, 6.7393, 78.6406



168.5260, -17.5143, 64.4367



112.1580, 0.4151, 6.8774



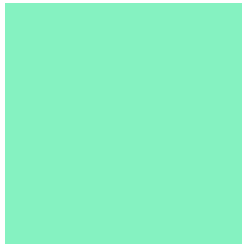
64.4780, 9.1313, 104.8208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 203.8230, -5.3357, -62.1118 looks on a white background.

Color Contrast Check

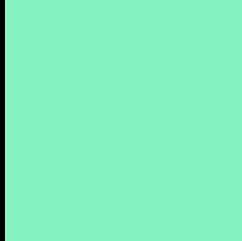
Large Text (above 18pt) WCAG AA × Fail

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 203.8230, -5.3357, -62.1118 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 203.8230, -5.3357, -62.1118

Background



This preview shows how black text looks on a background with the YUV color 203.8230, -5.3357, -62.1118.



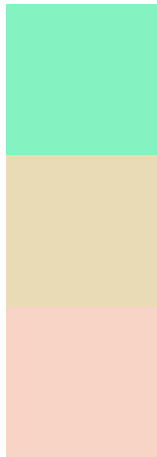
This preview shows how white text looks on a background with the YUV color 203.8230, -5.3357,

-62.1118.

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

203.8230, -5.3357, -62.1118

Protanopia

218.6690, -18.0778, 11.6913

Deuteranopia

221.2820, -10.9850, 23.4317



Tritanopia

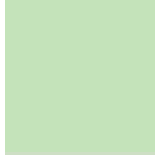
210.4520, 20.9762, -54.7704

Trichromacy



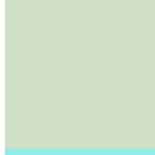
Original Color

203.8230, -5.3357, -62.1118



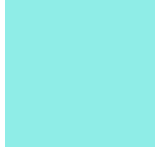
Protanomaly

213.0570, -13.3391, -14.9590



Deuteranomaly

214.9530, -8.8508, -7.8518



Tritanomaly

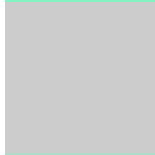
208.2100, 11.2355, -57.1892

Monochromacy



Original Color

203.8230, -5.3357, -62.1118



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

203.9880, -1.9661, -22.7915

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.8230, -5.3357, -62.1118 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(133, 242, 193)` looks like.

```
.text, #text, p{  
    color:rgb(133, 242, 193)  
}
```

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(133, 242, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 242, 193) }
```

Border

The CSS property to change the border of an element to YUV 203.8230, -5.3357, -62.1118 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(133, 242, 193) }
```


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

```
.border{ border-color:rgb(133, 242, 193) }
```

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

Here you see how a box with a 4 pixel rgb(133, 242, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 242, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 242, 193);  
box-shadow:4px 4px 4px 4px rgb(133, 242,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 203.8230, -5.3357, -62.1118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 242, 193) }
```

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

```
.background{ background-color: rgb(133,  
242, 193) }
```

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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