

Converting Colors

YUV(167.3060, 19.0761,
-52.0114)

Have a look what the booklet for
YUV(167.3060, 19.0761, -52.0114)
contains.

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Color

**YUV(167.3060, 19.0761,
-52.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBECE
RGB	108, 190, 206
RGB Percent	42%, 75%, 81%
CMY	0.5765, 0.2549, 0.1922
CMYK	0.48, 0.08, 0.00, 0.19
HSL	190°, 50%, 62%
HSV	190°, 48%, 81%
XYZ	35.7384, 44.4713, 65.0927
YIQ	167.3060, -54.0080, -12.4080

Conversions

Conversions Part 2

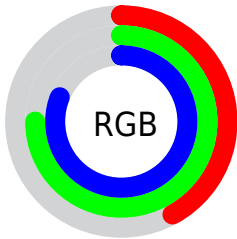
Format	Color
RYB	108, 153, 206
Decimal	7126734
CIELab	72.54, -20.76, -15.82
CIELCh	73, 26.105, 217.310
Yxy	44.4713, 0.2460, 0.3061
Android (android.graphics.Color)	4285316814 (0xFF6CBECE)
YUV	167.3060, 19.0761, -52.0114
Hunter-Lab	66.6868, -21.0413, -11.1920

Details

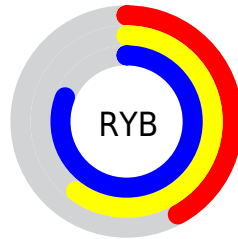
The YUV color **167.3060, 19.0761, -52.0114** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **146.6940, -19.0761, 52.0114**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.8070, 15.8711, -50.6967**, and **111.8110, 19.8132, -55.0852** is the 20% darker color. If you saturate the color by 10%, you get **159.2660, 23.0399, -63.3773**, and if you desaturate by 10%, it is **175.3460, 15.1124, -40.6454**.

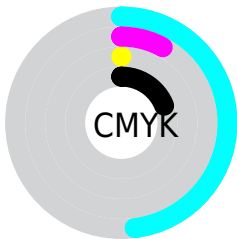
Distribution



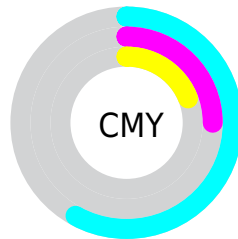
- Red (42%)
- Green (75%)
- Blue (81%)



- Red (42%)
- Yellow (60%)
- Blue (81%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.3060, 19.0761, -52.0114 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 167.3060, 19.0761, -52.0114 by changing the saturation by 10% instead.

■ 167.3060, 19.0761,
-52.0114

■ 167.3060, 19.0761,
-52.0114

■ 255.0000, 0.0000,
0.0000

■ 139.5940, 18.9342,
-53.1409

■ 222.8070, 15.8711,
-50.6967

■ 111.8110, 19.8132,
-55.0852

■ 236.7610, 8.9918,
-37.5014

■ 79.8200, 22.7667,
-69.1251

■ 245.4320, 4.7170,
-19.6729

■ 61.9960, 19.2290,
-54.3705

■ 254.4020, 0.2948,
-1.2296

■ 45.7590, 15.4018,
-40.1306

■ 29.6360, 12.0115,
-25.9908

■ 14.3280, 9.2053,

-12.5657

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 167.3060, 19.0761,
-52.0114

■ 167.3060, 19.0761,
-52.0114

■ 159.2660, 23.0399,
-63.3773

■ 175.3460, 15.1124,
-40.6454

■ 150.9380, 27.1456,
-73.6136

■ 183.6740, 11.0067,
-30.4091

■ 142.8980, 31.1093,
-84.9795

■ 191.7140, 7.0430,
-19.0432

■ 135.1570, 34.9256,
-95.7307

■ 199.4550, 3.2267,
-8.2920

■ 126.5300, 39.1787,
-106.5818

■ 208.0820, -1.0264,
2.5591

■ 124.4480, 40.2051,
-109.1409

■ 216.1220, -4.9901,
13.9250

■ 224.4500, -9.0959,
24.1613

■ 227.1080,
-10.4062, 24.4613

■ 228.8690,
-11.2744, 22.9169

Harmonies

Analogous

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



167.0650, 7.8560, -46.5380



167.3060, 19.0761, -52.0114



171.1640, 24.5691, -40.4858

Triad

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



167.3060, 19.0761, -52.0114



182.1250, 7.3334, 27.9544



176.2300, -22.2984, 12.0763

Complementary

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



167.3060, 19.0761, -52.0114



146.6940, -19.0761, 52.0114

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.



178.2690, -21.3316, 28.7051



167.3060, 19.0761, -52.0114



181.8030, -4.3399, 38.7608

Square

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



167.3060, 19.0761, -52.0114



180.9250, 17.2920, 7.0818



179.7570, -14.6702, 38.8011



173.1780, -16.8498, -8.9261

Rectangle

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



167.3060, 19.0761, -52.0114



175.5510, 24.3784, -25.9162



179.7570, -14.6702, 38.8011



177.3340, -23.3357, 18.1241

Sweetspot

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



167.3060, 19.0761, -52.0114



240.7140, 7.0430, -19.0432



167.2360, -21.8083, -51.9500



119.0740, 4.4005, -11.4659



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.



167.3060, 19.0761, -52.0114



197.5570, 28.3194, -76.7875



139.1300, 32.9669, -27.3010



97.8360, 2.0529, -5.1182



100.5170, 32.2831, -88.1534



23.1160, 7.3378, -20.2727

Inverse Universe

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



146.6500, 21.3716, 52.0500



167.1490, 31.4785, 77.0453



174.8700, -32.9669, 27.3010



95.9020, 2.0203, 5.3479



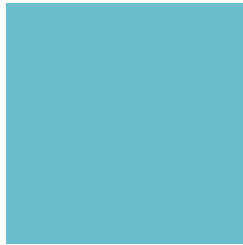
65.4800, 36.2454, 88.1560



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 167.3060, 19.0761, -52.0114 looks on a white background.

Color Contrast Check

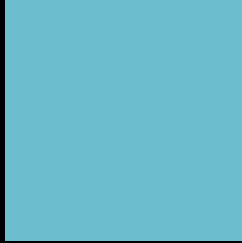
Large Text (above 18pt) WCAG AA × Fail

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 167.3060, 19.0761, -52.0114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

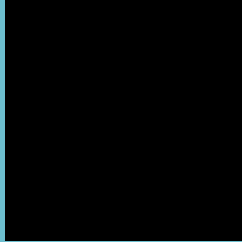
Any Text WCAG AA ✓ Pass

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 167.3060, 19.0761, -52.0114 Background



This preview shows how black text looks on a background with the YUV color 167.3060, 19.0761, -52.0114.



This preview shows how white text looks on a background with the YUV color 167.3060, 19.0761, -52.0114.

-52.0114.

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

167.3060, 19.0761, -52.0114

Protanopia

177.7960, 9.4676, -3.3291

Deuteranopia

178.7130, 15.4245, -0.6253



Tritanopia

167.1920, 18.6393, -51.9114

Trichromacy



Original Color

167.3060, 19.0761, -52.0114

Protanomaly

173.8970, 12.8688, -20.9577

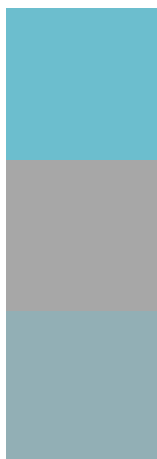
Deuteranomaly

174.6460, 16.9365, -18.9835

Tritanomaly

167.1920, 18.6393, -51.9114

Monochromacy



Original Color

167.3060, 19.0761, -52.0114

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0130, 6.8956, -18.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.3060, 19.0761, -52.0114 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(108, 190, 206)` looks like.

```
.text, #text, p{  
    color:rgb(108, 190, 206)  
}
```

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(108, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 190, 206) }
```

Border

The CSS property to change the border of an element to YUV 167.3060, 19.0761, -52.0114 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

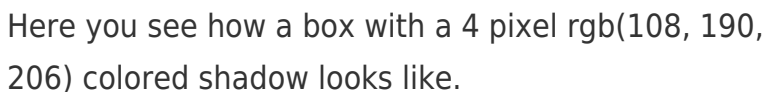
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 190, 206) }
```


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

```
.border{ border-color:rgb(108, 190, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 190, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 190, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 190, 206); box-shadow:4px 4px 4px 4px rgb(108, 190, 206) }
```

Background

The CSS property to change the background color of an element to YUV 167.3060, 19.0761, -52.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 190, 206) }
```

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

```
.background{ background-color: rgb(108,  
190, 206) }
```

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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