

Converting Colors

YUV(162.9900, 21.6969,
-52.6112)

Have a look what the booklet for
YUV(162.9900, 21.6969, -52.6112)
contains.

YUV(162.9900, 21.6969, -52.6112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(162.9900, 21.6969,
-52.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	67B9CF
RGB	103, 185, 207
RGB Percent	40%, 73%, 81%
CMY	0.5961, 0.2745, 0.1882
CMYK	0.50, 0.11, 0.00, 0.19
HSL	193°, 52%, 61%
HSV	193°, 50%, 81%
XYZ	34.2050, 42.0865, 65.3522
YIQ	162.9900, -55.9340, -10.5420

Conversions

Conversions Part 2

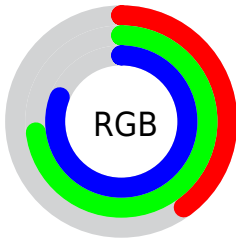
Format	Color
R _Y B	103, 149, 207
Decimal	6797775
CIE Lab	70.93, -19.05, -18.83
CIE LCh	71, 26.784, 224.657
Yxy	42.0865, 0.2415, 0.2971
Android (android.graphics.Color)	4284987855 (0xFF67B9CF)
YUV	162.9900, 21.6969, -52.6112
Hunter-Lab	64.8741, -19.4153, -14.3151

Details

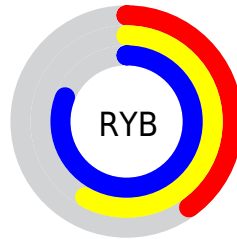
The YUV color **162.9900, 21.6969, -52.6112** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **147.0100, -21.6969, 52.6112**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.3770, 18.0551, -51.1966**, and **107.1850, 22.5868, -58.0442** is the 20% darker color. If you saturate the color by 10%, you get **154.3630, 25.9500, -63.4624**, and if you desaturate by 10%, it is **171.6170, 17.4438, -41.7601**.

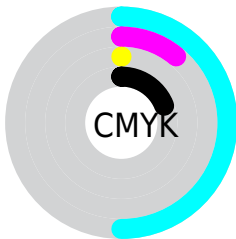
Distribution



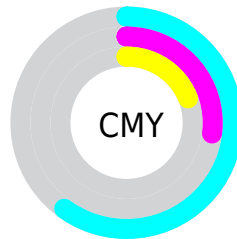
- Red (40%)
- Green (73%)
- Blue (81%)



- Red (40%)
- Yellow (58%)
- Blue (81%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9900, 21.6969, -52.6112 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 162.9900, 21.6969, -52.6112 by changing the saturation by 10% instead.

■ 162.9900, 21.6969,
-52.6112

■ 162.9900, 21.6969,
-52.6112

■ 255.0000, 0.0000,
0.0000

■ 135.2780, 21.5549,
-53.7408

■ 218.3770, 18.0551,
-51.1966

■ 107.1850, 22.5868,
-58.0442

■ 235.2660, 9.7289,
-40.5753

■ 76.7000, 24.7979,
-67.2659

■ 243.9370, 5.4541,
-22.7467

■ 59.7620, 20.8233,
-52.4113

■ 252.9070, 1.0318,
-4.3034

■ 43.5250, 16.9962,
-38.1714

■ 27.9890, 13.3164,
-24.5464

■ 8.5720, 12.5360,

-7.5176

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 162.9900, 21.6969,
-52.6112

■ 162.9900, 21.6969,
-52.6112

■ 154.3630, 25.9500,
-63.4624

■ 171.6170, 17.4438,
-41.7601

■ 145.4480, 30.3451,
-73.1839

■ 180.5320, 13.0487,
-32.0386

■ 136.8210, 34.5982,
-84.0350

■ 189.1590, 8.7956,
-21.1874

■ 127.6070, 39.1407,
-94.3713

■ 198.3730, 4.2531,
-10.8511

■ 119.2790, 43.2465,
-104.6077

■ 207.0000, 0.0000,
0.0000

■ 215.3280, -4.1057,
10.2363

■ 224.5420, -8.6482,
20.5727

■ 228.9830,
-10.8376, 22.8169

■ 231.3310,
-11.9952, 20.7577

Harmonies

Analogous

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



161.9550, 11.3612, -50.8265



162.9900, 21.6969, -52.6112



168.4140, 25.4319, -37.1971

Triad

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



162.9900, 21.6969, -52.6112



177.4630, 4.7017, 32.0429



171.1970, -22.2821, 6.8432

Complementary

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



162.9900, 21.6969, -52.6112



147.0100, -21.6969, 52.6112

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.



173.7910, -23.0680, 25.6163



162.9900, 21.6969, -52.6112



176.7170, -7.2555, 40.5902

Square

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



162.9900, 21.6969, -52.6112



176.8010, 15.3811, 13.3295



175.0620, -17.2856, 37.6566



167.7150, -14.6495, -14.6591

Rectangle

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



162.9900, 21.6969, -52.6112



172.5840, 24.3621, -20.6832



175.0620, -17.2856, 37.6566



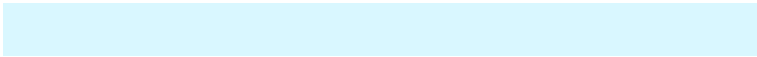
172.0130, -23.1774, 14.0206

Sweetspot

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



162.9900, 21.6969, -52.6112



238.9420, 7.9166, -19.2431



166.4420, -20.9239, -55.6386



118.1880, 4.8373, -11.5659



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.



162.9900, 21.6969, -52.6112



190.4690, 31.8138, -77.5873



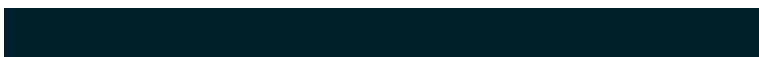
133.0530, 36.4559, -26.3565



99.9500, 2.4897, -5.2181



97.2230, 34.8931, -85.2646



23.4580, 8.6482, -20.5727

Inverse Universe

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



143.4440, 20.4871, 55.7386



161.5410, 30.2993, 81.9635



176.9470, -36.4559, 26.3565



98.2010, 1.8729, 5.9627



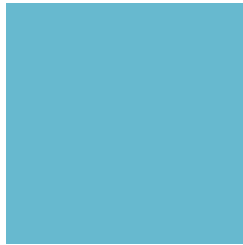
65.3940, 33.3298, 89.9855



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 162.9900, 21.6969, -52.6112 looks on a white background.

Color Contrast Check

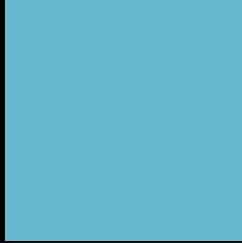
Large Text (above 18pt) WCAG AA × Fail

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 162.9900, 21.6969, -52.6112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

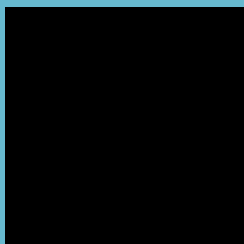
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

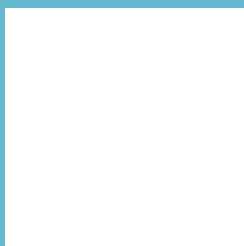
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.9900, 21.6969, -52.6112

Background



This preview shows how black text looks on a background with the YUV color 162.9900, 21.6969, -52.6112.



This preview shows how white text looks on a background with the YUV color 162.9900, 21.6969, -52.6112.

-52.6112.

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

162.9900, 21.6969, -52.6112

Protanopia

173.1810, 12.2358, -4.5437

Deuteranopia

174.2720, 17.6139, -2.8695



Tritanopia

162.2950, 19.0816, -53.7557

Trichromacy



Original Color

162.9900, 21.6969, -52.6112

Protanomaly

169.2820, 15.6370, -22.1723

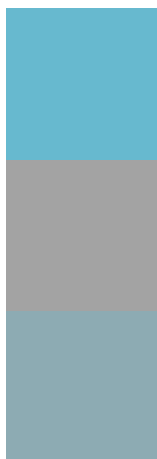
Deuteranomaly

170.2050, 19.1259, -21.2278

Tritanomaly

162.8220, 19.8078, -53.3409

Monochromacy



Original Color

162.9900, 21.6969, -52.6112

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9420, 7.9166, -19.2431

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9900, 21.6969, -52.6112 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(103, 185, 207)` looks like.

```
.text, #text, p{  
    color:rgb(103, 185, 207)  
}
```

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(103, 185, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 185, 207) }
```

Border

The CSS property to change the border of an element to YUV 162.9900, 21.6969, -52.6112 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(103, 185, 207) }
```


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

```
.border{ border-color:rgb(103, 185, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 185, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 185, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 185, 207);  
box-shadow:4px 4px 4px 4px rgb(103, 185,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 162.9900, 21.6969, -52.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 185, 207) }
```

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

```
.background{ background-color: rgb(103,  
185, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor