

Converting Colors

YUV(167.0870, 24.6071,
-52.6963)

Have a look what the booklet for
YUV(167.0870, 24.6071, -52.6963)
contains.

YUV(167.0870, 24.6071, -52.6963)	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(167.0870, 24.6071,
-52.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	6BBCD9
RGB	107, 188, 217
RGB Percent	42%, 74%, 85%
CMY	0.5804, 0.2627, 0.1490
CMYK	0.51, 0.13, 0.00, 0.15
HSL	196°, 59%, 64%
HSV	196°, 51%, 85%
XYZ	36.5710, 44.1020, 72.2307
YIQ	167.0870, -57.5850, -8.1530

Conversions

Conversions Part 2

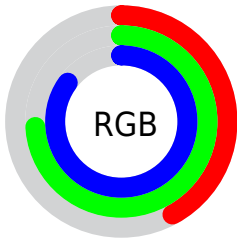
Format	Color
RYB	107, 154, 217
Decimal	7060697
CIELab	72.30, -16.92, -22.19
CIELCh	72, 27.909, 232.673
Yxy	44.1020, 0.2392, 0.2884
Android (android.graphics.Color)	4285250777 (0xFF6BBCD9)
YUV	167.0870, 24.6071, -52.6963
Hunter-Lab	66.4093, -17.9180, -18.0007

Details

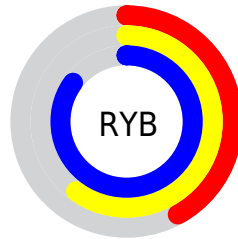
The YUV color **167.0870, 24.6071, -52.6963** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **156.9130, -24.6071, 52.6963**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6330, 16.4499, -49.6671**, and **111.1680, 25.0602, -58.0293** is the 20% darker color. If you saturate the color by 10%, you get **156.9870, 29.5864, -63.1326**, and if you desaturate by 10%, it is **177.1870, 19.6278, -42.2600**.

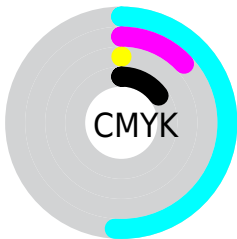
Distribution



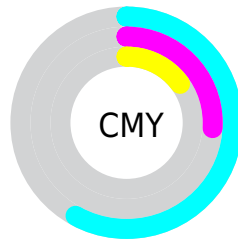
- Red (42%)
- Green (74%)
- Blue (85%)



- Red (42%)
- Yellow (60%)
- Blue (85%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0870, 24.6071, -52.6963 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 167.0870, 24.6071, -52.6963 by changing the saturation by 10% instead.

■ 167.0870, 24.6071,
-52.6963

■ 167.0870, 24.6071,
-52.6963

■ 255.0000, 0.0000,
0.0000

■ 139.3750, 24.4651,
-53.8259

■ 221.6330, 16.4499,
-49.6671

■ 111.1680, 25.0602,
-58.0293

■ 236.7610, 8.9918,
-37.5014

■ 79.4870, 27.8609,
-69.7101

■ 245.4320, 4.7170,
-19.6729

■ 62.4350, 23.4495,
-54.7555

■ 254.4020, 0.2948,
-1.2296

■ 46.1980, 19.6224,
-40.5156

■ 30.0750, 16.2320,
-26.3758

■ 14.6530, 12.9891,

-12.8507

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 167.0870, 24.6071,
-52.6963

■ 167.0870, 24.6071,
-52.6963

■ 156.9870, 29.5864,
-63.1326

■ 177.1870, 19.6278,
-42.2600

■ 147.7730, 34.1289,
-73.4689

■ 186.4010, 15.0853,
-31.9237

■ 137.6730, 39.1082,
-83.9052

■ 196.5010, 10.1060,
-21.4874

■ 127.5730, 44.0875,
-94.3415

■ 206.6010, 5.1267,
-11.0511

■ 118.6580, 48.4826,
-104.0631

■ 216.7010, 0.1474,
-0.6148

■ 225.9150, -4.3951,
9.7215

■ 234.8190, -8.7848,
17.6987

■ 238.3410,
-10.5211, 14.6099

■ 241.2760,
-11.9681, 12.0359

Harmonies

Analogous

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



164.6600, 15.4506, -55.8298



167.0870, 24.6071, -52.6963



173.3760, 26.4366, -32.7788

Triad

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



167.0870, 24.6071, -52.6963



181.3990, 1.7753, 37.3611



173.9790, -21.6816, 0.8954

Complementary

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



167.0870, 24.6071, -52.6963



156.9130, -24.6071, 52.6963

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.



176.4270, -24.3675, 22.4275



167.0870, 24.6071, -52.6963



179.9300, -10.3185, 43.0344

Square

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



167.0870, 24.6071, -52.6963



180.9760, 13.3228, 20.1920



178.6660, -20.0483, 37.1269



170.6540, -12.1544, -21.6216

Rectangle

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



167.0870, 24.6071, -52.6963



177.3290, 24.4878, -14.3205



178.6660, -20.0483, 37.1269



174.8660, -23.5979, 8.8875

Sweetspot

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



167.0870, 24.6071, -52.6963



237.7680, 8.4954, -18.2135



174.6480, -20.0395, -59.3273



117.0140, 5.4161, -10.5363



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.



167.0870, 24.6071, -52.6963



184.2890, 34.8605, -74.7985



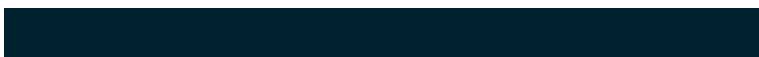
135.3890, 40.2342, -24.8972



104.9500, 2.4896, -5.2182



94.8580, 38.5240, -83.1905



25.2020, 10.2534, -22.1022

Inverse Universe

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



149.1240, 19.1659, 59.5273



158.7540, 27.2363, 84.4077



188.6110, -40.2342, 24.8972



103.2010, 1.8729, 5.9627



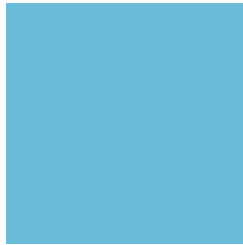
66.3190, 30.4087, 93.5592



17.6300, 8.0704, 24.8805

Previews

White Background



This preview shows how the YUV color 167.0870, 24.6071, -52.6963 looks on a white background.

Color Contrast Check

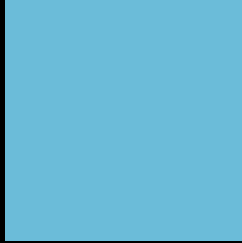
Large Text (above 18pt) WCAG AA × Fail

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 167.0870, 24.6071, -52.6963 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 167.0870, 24.6071, -52.6963 Background



This preview shows how black text looks on a background with the YUV color 167.0870, 24.6071, -52.6963.



This preview shows how white text looks on a background with the YUV color 167.0870, 24.6071, -52.6963.

-52.6963.

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

167.0870, 24.6071, -52.6963

Protanopia

177.2670, 15.1514, -6.3732

Deuteranopia

177.7600, 20.8243, -5.9285



Tritanopia

165.6970, 19.3764, -54.9853

Trichromacy



Original Color

167.0870, 24.6071, -52.6963

Protanomaly

173.6670, 18.4052, -23.3870

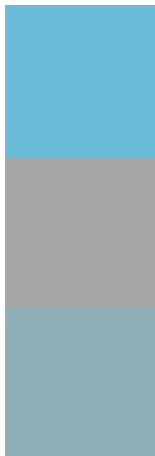
Deuteranomaly

173.7040, 22.3309, -22.5424

Tritanomaly

165.8650, 21.2656, -54.2556

Monochromacy



Original Color

167.0870, 24.6071, -52.6963

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1700, 8.7902, -19.4431

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0870, 24.6071, -52.6963 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(107, 188, 217)` looks like.

```
.text, #text, p{  
    color:rgb(107, 188, 217)  
}
```

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(107, 188, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 188, 217) }
```

Border

The CSS property to change the border of an element to YUV 167.0870, 24.6071, -52.6963 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(107, 188, 217) }
```


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

```
.border{ border-color:rgb(107, 188, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 188, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 188, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 188, 217);  
box-shadow:4px 4px 4px 4px rgb(107, 188,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 167.0870, 24.6071, -52.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 188, 217) }
```

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

```
.background{ background-color: rgb(107,  
188, 217) }
```

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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