

Converting Colors

YUV(152.8520, 7.4680,
-62.1372)

Have a look what the booklet for
YUV(152.8520, 7.4680, -62.1372)
contains.

YUV(152.8520, 7.4680, -62.1372)	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(152.8520, 7.4680,
-62.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	52BAA8
RGB	82, 186, 168
RGB Percent	32%, 73%, 66%
CMY	0.6784, 0.2706, 0.3412
CMYK	0.56, 0.00, 0.10, 0.27
HSL	170°, 43%, 53%
HSV	170°, 56%, 73%
XYZ	28.1065, 39.7388, 43.2348
YIQ	152.8520, -56.2060, -27.6460

Conversions

Conversions Part 2

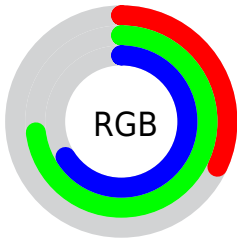
Format	Color
R _Y B	82, 139, 186
Decimal	5421736
CIE Lab	69.28, -34.49, 0.04
CIE LCh	69, 34.486, 179.936
Yxy	39.7388, 0.2530, 0.3577
Android (android.graphics.Color)	4283611816 (0xFF52BAA8)
YUV	152.8520, 7.4680, -62.1372
Hunter-Lab	63.0387, -30.7317, 3.4634

Details

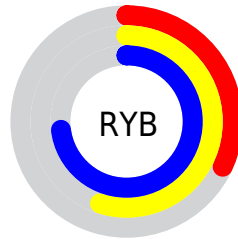
The YUV color **152.8520, 7.4680, -62.1372** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **115.1480, -7.4680, 62.1372**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9230, 6.4470, -61.3225**, and **91.0070, 12.3215, -78.9361** is the 20% darker color. If you saturate the color by 10%, you get **146.8290, 8.9583, -73.5180**, and if you desaturate by 10%, it is **158.8750, 5.9776, -50.7564**.

Distribution



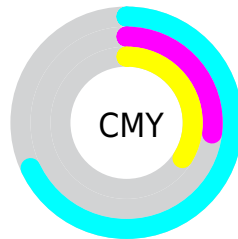
- Red (32%)
- Green (73%)
- Blue (66%)



- Red (32%)
- Yellow (55%)
- Blue (73%)



- Cyan (56%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8520, 7.4680, -62.1372 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 152.8520, 7.4680, -62.1372 by changing the saturation by 10% instead.

■ 152.8520, 7.4680,
-62.1372

■ 152.8520, 7.4680,
-62.1372

■ 255.0000, 0.0000,
0.0000

■ 124.7700, 8.4944,
-64.6963

■ 209.9230, 6.4470,
-61.3225

■ 91.0070, 12.3215,
-78.9361

■ 228.9440, 11.3666,
-52.5709

■ 72.7100, 9.5100,
-63.7667

■ 237.9570, 8.4022,
-35.0423

■ 55.8860, 5.9722,
-49.0120

■ 246.6280, 4.1274,
-17.2138

■ 39.2900, 3.3080,
-34.4573

■ 24.5690, 0.2125,
-21.5470

■ 0.0000, 0.0000,

0.0000

■ 152.8520, 7.4680,
-62.1372

■ 152.8520, 7.4680,
-62.1372

■ 146.8290, 8.9583,
-73.5180

■ 158.8750, 5.9776,
-50.7564

■ 141.1050, 10.3012,
-84.2841

■ 164.5990, 4.6347,
-39.9903

■ 134.9680, 11.3548,
-95.5649

■ 170.7360, 3.5812,
-28.7095

■ 129.2440, 12.6977,
-106.3310

■ 176.4600, 2.2382,
-17.9434

■ 126.7380, 13.4402,
-111.1492

■ 182.4830, 0.7479,
-6.5626

■ 188.5060, -0.7425,
4.8182

■ 194.3440, -1.6486,
15.4843

■ 200.3670, -3.1389,
26.8651

■ 206.0910, -4.4819,
37.6312

Harmonies

Analogous

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



159.2180, -10.9535, -33.5172



152.8520, 7.4680, -62.1372



147.4270, 25.4255, -81.9355

Triad

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



152.8520, 7.4680, -62.1372



171.6560, 25.3126, 1.1787



169.3800, -26.3163, 40.8857

Complementary

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



152.8520, 7.4680, -62.1372



115.1480, -7.4680, 62.1372

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.



171.6060, -15.5818, 51.2115



152.8520, 7.4680, -62.1372



174.0420, 13.2903, 30.6582

Square

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



152.8520, 7.4680, -62.1372



164.6730, 32.6992, -34.7932



172.6670, -1.3148, 48.5270



166.9230, -30.0350, 20.2385

Rectangle

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



152.8520, 7.4680, -62.1372



151.1810, 31.9558, -76.4577



172.6670, -1.3148, 48.5270



170.2110, -23.2750, 45.4190

Sweetspot

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



152.8520, 7.4680, -62.1372



228.9430, 2.9861, -24.5060



148.7290, -32.8974, -41.8583



114.3680, 1.7906, -14.3547



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.8520, 7.4680, -62.1372



190.3700, 11.6496, -96.7945



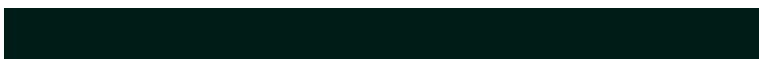
135.5330, 24.8802, -46.9484



89.0810, 0.4531, -5.3330



106.2780, 11.2019, -93.2058



19.0580, 1.9434, -16.7139

Inverse Universe

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



115.1480, -7.4680, 62.1372



131.6300, -11.6496, 96.7945



132.4670, -24.8802, 46.9484



85.8050, -0.8899, 5.4330



49.7220, -11.2019, 93.2058



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 152.8520, 7.4680, -62.1372 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 152.8520, 7.4680, -62.1372 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

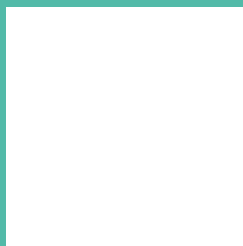
Any Text WCAG AAA ✓ Pass

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

YUV 152.8520, 7.4680, -62.1372 Background



This preview shows how black text looks on a background with the YUV color 152.8520, 7.4680, -62.1372.

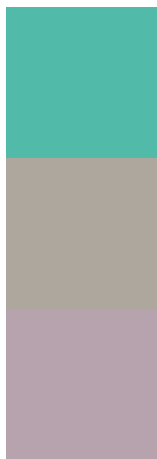


This preview shows how white text looks on a background with the YUV color 152.8520, 7.4680,

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

152.8520, 7.4680, -62.1372

Protanopia

167.7680, -4.8156, 4.5885

Deuteranopia

169.8210, 1.5672, 10.6810



Tritanopia

156.8000, 19.8186, -56.8296

Trichromacy



Original Color

152.8520, 7.4680, -62.1372

Protanomaly

162.4660, -0.2297, -19.7027

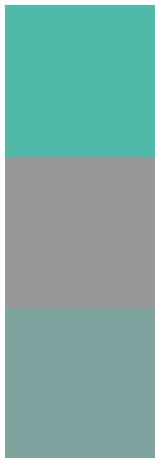
Deuteranomaly

163.5250, 3.6852, -15.3694

Tritanomaly

154.9370, 15.3141, -58.7037

Monochromacy



Original Color

152.8520, 7.4680, -62.1372

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8400, 2.5439, -22.6617

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8520, 7.4680, -62.1372 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(82, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(82, 186, 168)  
}
```

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(82, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 186, 168) }
```

Border

The CSS property to change the border of an element to YUV 152.8520, 7.4680, -62.1372 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(82, 186, 168) }
```


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

```
.border{ border-color:rgb(82, 186, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(82, 186,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 152.8520, 7.4680, -62.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 186, 168) }
```

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

```
.background{ background-color: rgb(82, 186,  
168) }
```

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