

Converting Colors

YUV(122.0000, 0.0000, 0.0000)

Have a look what the booklet for
YUV(122.0000, 0.0000, 0.0000)
contains.

YUV(122.0000, 0.0000, 0.0000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	16
<i>Color Blindness Simulation</i>	20
<i>CSS Examples</i>	23

Color

**YUV(122.0000, 0.0000,
0.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7A7A
RGB	122, 122, 122
RGB Percent	48%, 48%, 48%
CMY	0.5216, 0.5216, 0.5216
CMYK	0.00, 0.00, 0.00, 0.52
HSL	0°, 0%, 48%
HSV	0°, 0%, 48%
XYZ	18.4984, 19.4618, 21.1939
YIQ	122.0000, 0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
R_{YB}	122, 122, 122
Decimal	8026746
CIE Lab	51.22, 0.00, -0.01
CIE LCh	51, 0.007, 296.813
Yxy	19.4618, 0.3127, 0.3290
Android (android.graphics.Color)	4286216826 (0xFF7A7A7A)
YUV	122.0000, 0.0000, 0.0000
Hunter-Lab	44.1155, -2.3539, 2.3969

Details

The YUV color $122.0000, 0.0000, 0.0000$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $122.0000, 0.0000, 0.0000$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.0000, 0.0000, 0.0000$, and $73.0000, 0.0000, 0.0000$ is the 20% darker color. If you saturate the color by 10%, you get $113.5880, -1.7689, 7.3773$, and if you desaturate by 10%, it is $130.4120, 1.7689, -7.3773$.

Distribution



Red (48%)

Green (48%)

Blue (48%)



Red (48%)

Yellow (48%)

Blue (48%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0000, 0.0000, 0.0000 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 122.0000, 0.0000, 0.0000 by changing the saturation by 10% instead.

■ 122.0000, 0.0000,
0.0000

■ 122.0000, 0.0000,
0.0000

■ 255.0000, 0.0000,
0.0000

■ 97.0000, 0.0000,
0.0000

■ 174.0000, 0.0000,
0.0000

■ 73.0000, 0.0000,
0.0000

■ 202.0000, 0.0000,
0.0000

■ 51.0000, 0.0000,
0.0000

■ 230.0000, 0.0000,
0.0000

■ 30.0000, 0.0000,
0.0000

■ 4.0000, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 122.0000, 0.0000,
0.0000

■ 122.0000, 0.0000,
0.0000

■ 113.5880, -1.7689,
7.3773

■ 130.4120, 1.7689,
-7.3773

■ 105.1760, -3.5378,
14.7546

■ 138.8240, 3.5378,
-14.7546

■ 96.0630, -5.4541,
22.7467

■ 147.9370, 5.4541,
-22.7467

■ 87.6510, -7.2229,
30.1241

■ 156.3490, 7.2229,
-30.1241

■ 79.2390, -8.9918,
37.5014

■ 164.7610, 8.9918,
-37.5014

■ 70.8270, -10.7607,
44.8787

■ 173.1730, 10.7607,
-44.8787

■ 62.4150, -12.5296,
52.2560


■ 181.5850, 12.5296,
-52.2560


■ 53.3020, -14.4459,

■ 190.6980, 14.4459,

60.2481

-60.2481

 44.8900, -16.2148,
67.6255

 199.1100, 16.2148,
-67.6255

Harmonies

Sweetspot

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



122.0000, 0.0000, 0.0000



158.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



207.0000, 0.0000, 0.0000

Same Dimension

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



122.0000, 0.0000, 0.0000



158.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



37.3750, -18.4259, 76.8471



75.3480, -37.1466, 154.9238

Inverse Universe

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



122.0000, 0.0000, 0.0000



158.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



87.6250, 18.4259, -76.8471



176.6520, 37.1466, -154.9238

Previews

White Background



This preview shows how the YUV color 122.0000, 0.0000, 0.0000 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 122.0000, 0.0000, 0.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

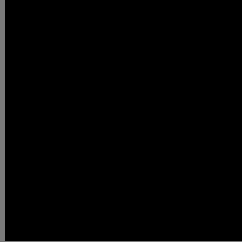
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.0000, 0.0000, 0.0000

Background



This preview shows how black text looks on a background with the YUV color 122.0000, 0.0000, 0.0000.



This preview shows how white text looks on a background with the YUV color 122.0000, 0.0000, 0.0000.

0.0000.

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

122.0000, 0.0000, 0.0000

Protanopia

122.0110, -0.0054, 1.7444

Deuteranopia

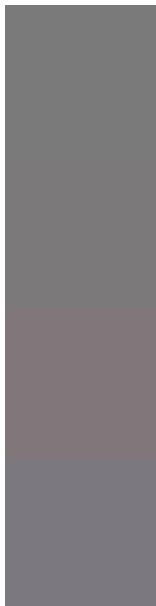
123.0550, -0.0271, 8.7218



Tritanopia

122.6240, 3.6364, 0.3298

Trichromacy



Original Color

122.0000, 0.0000, 0.0000

Protanomaly

121.7120, 0.1420, 1.1296

Deuteranomaly

122.4460, 0.2731, 5.7479

Tritanomaly

122.2820, 2.3260, 0.6297

Monochromacy



Original Color

122.0000, 0.0000, 0.0000

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0000, 0.0000, 0.0000 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(122, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 122, 122)  
}
```

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(122, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 122, 122) }
```

Border

The CSS property to change the border of an element to YUV 122.0000, 0.0000, 0.0000 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(122, 122, 122) }
```


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

```
.border{ border-color:rgb(122, 122, 122) }
```

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

Here you see how a box with a 4 pixel rgb(122, 122, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 122,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 122.0000, 0.0000, 0.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 122, 122) }
```

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

```
.background{ background-color: rgb(122,  
122, 122) }
```

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