

Converting Colors

YUV(150.7870, -24.0520,
-32.2622)

Have a look what the booklet for
YUV(150.7870, -24.0520, -32.2622)
contains.

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Color

**YUV(150.7870, -24.0520,
-32.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	72B366
RGB	114, 179, 102
RGB Percent	45%, 70%, 40%
CMY	0.5529, 0.2980, 0.6000
CMYK	0.36, 0.00, 0.43, 0.30
HSL	111°, 34%, 55%
HSV	111°, 43%, 70%
XYZ	25.4578, 36.7769, 18.3273
YIQ	150.7870, -14.0230, -37.7270

Conversions

Conversions Part 2

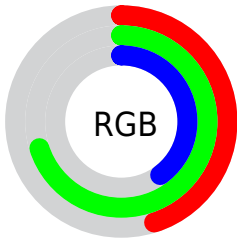
Format	Color
RYB	102, 179, 167
Decimal	7517030
CIELab	67.11, -35.93, 32.86
CIELCh	67, 48.691, 137.549
Yxy	36.7769, 0.3160, 0.4565
Android (android.graphics.Color)	4285707110 (0xFF72B366)
YUV	150.7870, -24.0520, -32.2622
Hunter-Lab	60.6440, -31.1942, 24.5327

Details

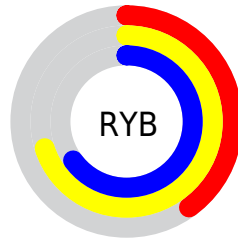
The YUV color **150.7870, -24.0520, -32.2622** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **130.2130, 24.0520, 32.2622**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7330, -25.5044, -33.0918**, and **98.2430, -22.3048, -32.6621** is the 20% darker color. If you saturate the color by 10%, you get **144.2500, -29.7032, -39.6842**, and if you desaturate by 10%, it is **157.3240, -18.4007, -24.8401**.

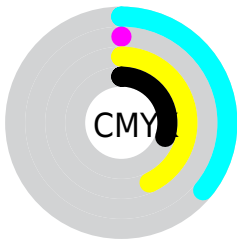
Distribution



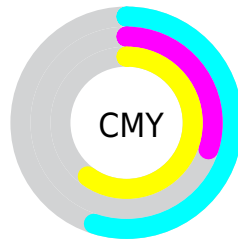
- Red (45%)
- Green (70%)
- Blue (40%)



- Red (40%)
- Yellow (70%)
- Blue (65%)



- Cyan (36%)
- Magenta (0%)
- Yellow (43%)
- Black (30%)



- Cyan (55%)
- Magenta (30%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7870, -24.0520, -32.2622 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 150.7870, -24.0520, -32.2622 by changing the saturation by 10% instead.

■ 150.7870,
-24.0520, -32.2622

■ 150.7870,
-24.0520, -32.2622

■ 255.0000, 0.0000,
0.0000

■ 124.3140,
-23.3258, -31.8474

■ 205.7330,
-25.5044, -33.0918

■ 98.2430, -22.3048,
-32.6621

■ 229.2220,
-23.7734, -28.2587

■ 72.1720, -21.2838,
-33.4768

■ 240.7860,
-15.6705, -13.8443

■ 45.0680, -20.2465,
-39.5246

■ 252.7630, -7.2782,
1.0848

■ 30.5240, -15.0483,
-26.7695

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,

0.0000

■ 150.7870,
-24.0520, -32.2622

■ 150.7870,
-24.0520, -32.2622

■ 144.2500,
-29.7032, -39.6842

■ 157.3240,
-18.4007, -24.8401

■ 137.7130,
-35.3545, -47.1063

■ 163.8610,
-12.7495, -17.4181

■ 131.1760,
-41.0058, -54.5284

■ 170.3980, -7.0982,
-9.9960

■ 124.6390,
-46.6570, -61.9504

■ 176.9350, -1.4470,
-2.5740

■ 117.9170,
-51.7241, -70.0872

■ 183.7710, 4.0569,
5.4628

■ 113.4450,
-55.9284, -74.9353

■ 190.1940, 9.2714,
12.9849

■ 196.7310, 14.9226,
20.4069

■ 203.2680, 20.5739,
27.8290

■ 208.8930, 22.7308,
36.0508

Harmonies

Analogous

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



156.9030, -39.8852, 6.2241



150.7870, -24.0520, -32.2622



133.8780, 4.4971, -89.3470

Triad

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



150.7870, -24.0520, -32.2622



129.8230, 58.2613, -113.8548



163.9490, -12.2999, 71.9587

Complementary

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



150.7870, -24.0520, -32.2622



130.2130, 24.0520, 32.2622

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.



166.9640, 8.3987, 59.6676



150.7870, -24.0520, -32.2622



162.4540, 41.6812, -22.3232

Square

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



150.7870, -24.0520, -32.2622



132.7120, 46.4840, -116.3884



168.2770, 26.9784, 26.9441



162.3720, -30.7494, 62.8178

Rectangle

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



150.7870, -24.0520, -32.2622



128.9040, 21.7393, -113.0488



168.2770, 26.9784, 26.9441



164.7730, -5.3111, 70.3591

Sweetspot

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



150.7870, -24.0520, -32.2622



221.1050, -9.4188, -12.3701



162.5910, -29.8714, 14.3907



110.1640, -5.5039, -8.0368



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



150.7870, -24.0520, -32.2622



187.7080, -37.8170, -50.6099



150.1630, -10.9264, -42.2390



85.8810, -2.8993, -3.4036



96.9870, -47.8146, -64.0096



16.4580, -8.1138, -10.9257

Inverse Universe

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



130.2130, 24.0520, 32.2622



155.2920, 37.8170, 50.6099



130.8370, 10.9264, 42.2390



83.4180, 2.7519, 4.0184



56.0130, 47.8146, 64.0096



9.5420, 8.1138, 10.9257

Previews

White Background



This preview shows how the YUV color 150.7870, -24.0520, -32.2622 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 150.7870, -24.0520, -32.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

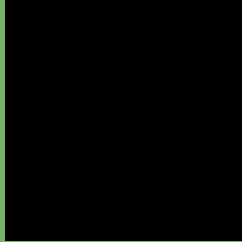
Any Text WCAG AA ✓ Pass

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 150.7870, -24.0520, -32.2622 Background



This preview shows how black text looks on a background with the YUV color 150.7870, -24.0520, -32.2622.



This preview shows how white text looks on a background with the YUV color 150.7870, -24.0520, -32.2622.

-32.2622.

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

150.7870, -24.0520, -32.2622

Protanopia

159.8470, -31.4766, 15.9202

Deuteranopia

161.6020, -26.4258, 29.2900



Tritanopia

159.2230, 11.7221, -26.5056

Trichromacy



Original Color

150.7870, -24.0520, -32.2622

Protanomaly

156.7200, -28.9490, -1.5084

Deuteranomaly

157.9860, -25.6291, 7.0283

Tritanomaly

156.1830, -1.0762, -28.2245

Monochromacy



Original Color

150.7870, -24.0520, -32.2622

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9310, -8.8400, -11.3405

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7870, -24.0520, -32.2622 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(114, 179, 102)` looks like.

```
.text, #text, p{  
    color:rgb(114, 179, 102)  
}
```

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(114, 179, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 179, 102) }
```

Border

The CSS property to change the border of an element to YUV 150.7870, -24.0520, -32.2622 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(114, 179, 102) }
```


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

```
.border{ border-color:rgb(114, 179, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 179, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 179, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 179, 102);  
box-shadow:4px 4px 4px 4px rgb(114, 179,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 150.7870, -24.0520, -32.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 179, 102) }
```

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

```
.background{ background-color: rgb(114,  
179, 102) }
```

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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