

Converting Colors

YUV(166.5420, -22.4522,
-32.0473)

Have a look what the booklet for
YUV(166.5420, -22.4522, -32.0473)
contains.

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Color

**YUV(166.5420, -22.4522,
-32.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	82C279
RGB	130, 194, 121
RGB Percent	51%, 76%, 47%
CMY	0.4902, 0.2392, 0.5255
CMYK	0.33, 0.00, 0.38, 0.24
HSL	113°, 37%, 62%
HSV	113°, 38%, 76%
XYZ	31.9489, 44.7099, 25.0351
YIQ	166.5420, -14.7110, -36.2710

Conversions

Conversions Part 2

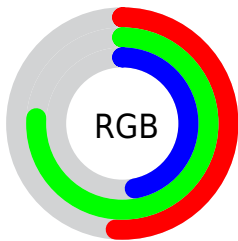
Format	Color
RYB	121, 194, 185
Decimal	8569465
CIELab	72.70, -34.68, 30.41
CIELCh	73, 46.122, 138.756
Yxy	44.7099, 0.3142, 0.4397
Android (android.graphics.Color)	4286759545 (0xFF82C279)
YUV	166.5420, -22.4522, -32.0473
Hunter-Lab	66.8654, -31.7257, 24.6070

Details

The YUV color **166.5420, -22.4522, -32.0473** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **148.4580, 22.4522, 32.0473**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4880, -23.9046, -32.8770**, and **113.2970, -20.8524, -31.8325** is the 20% darker color. If you saturate the color by 10%, you get **159.2930, -28.2454, -40.5990**, and if you desaturate by 10%, it is **173.7910, -16.6590, -23.4957**.

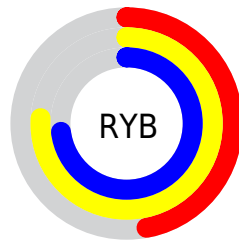
Distribution



Red (51%)

Green (76%)

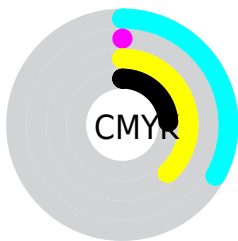
Blue (47%)



Red (47%)

Yellow (76%)

Blue (73%)

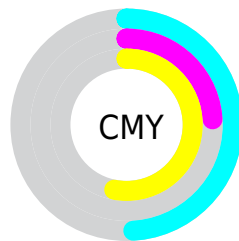


Cyan (33%)

Magenta (0%)

Yellow (38%)

Black (24%)



Cyan (49%)

Magenta (24%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5420, -22.4522, -32.0473 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 166.5420, -22.4522, -32.0473 by changing the saturation by 10% instead.

■ 166.5420,
-22.4522, -32.0473

■ 166.5420,
-22.4522, -32.0473

255.0000, 0.0000,
0.0000

■ 139.7700,
-21.5786, -32.2473

■ 222.4880,
-23.9046, -32.8770

■ 113.2970,
-20.8524, -31.8325

■ 236.4000,
-16.9592, -20.5218

■ 87.6390, -19.5420,
-32.1324

■ 248.2630, -9.0037,
-5.4927

■ 61.8560, -18.6630,
-34.0767

■ 38.1550, -18.8104,
-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 166.5420,
-22.4522, -32.0473

■ 166.5420,
-22.4522, -32.0473

■ 159.2930,
-28.2454, -40.5990

■ 173.7910,
-16.6590, -23.4957

■ 151.9300,
-34.4755, -49.0506

■ 181.1540,
-10.4289, -15.0441

■ 144.6810,
-40.2687, -57.6022

■ 188.4030, -4.6357,
-6.4924

■ 137.3180,
-46.4988, -66.0539

■ 195.7660, 1.5944,
1.9592

■ 130.0690,
-52.2920, -74.6055

■ 203.0150, 7.3876,
10.5108

■ 122.8200,
-58.0853, -83.1571

■ 210.2640, 13.1808,
19.0625

■ 121.0540,
-59.6796, -85.1164

■ 217.3990, 18.5373,
27.7141

■ 219.1930, 17.6529,
31.4027

Harmonies

Analogous

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



172.1740, -37.5538, 5.1094



166.5420, -22.4522, -32.0473



154.9010, 3.0068, -77.9662

Triad

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



166.5420, -22.4522, -32.0473



160.6660, 46.5067, -76.8831



178.8020, -12.7204, 66.8256

Complementary

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



166.5420, -22.4522, -32.0473



148.4580, 22.4522, 32.0473

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.



182.4970, 6.6570, 58.3231



166.5420, -22.4522, -32.0473



177.8630, 38.0285, -17.4199

Square

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



166.5420, -22.4522, -32.0473



142.5260, 48.5477, -124.9953



183.1200, 25.0838, 27.9588



178.1760, -30.1598, 60.3586

Rectangle

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



166.5420, -22.4522, -32.0473



139.0600, 25.1134, -121.9556



183.1200, 25.0838, 27.9588



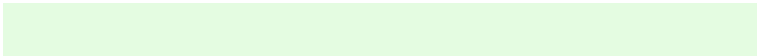
179.8110, -6.3158, 65.9408

Sweetspot

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



166.5420, -22.4522, -32.0473



241.7460, -8.2558, -12.0552



179.8080, -28.9923, 12.4464



121.5770, -5.2145, -7.5220



0.0000, 0.0000, 0.0000



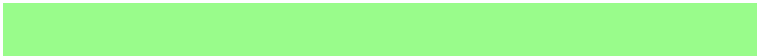
128.0000, 0.0000, 0.0000

Same Dimension

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



166.5420, -22.4522, -32.0473



209.5170, -34.7649, -49.5654



166.9290, -9.3320, -40.2797



93.1690, -3.0413, -4.5332



100.4870, -49.5401, -70.5871



20.5670, -10.1395, -14.5293

Inverse Universe

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



148.4580, 22.4522, 32.0473



181.4830, 34.7649, 49.5654



148.0710, 9.3320, 40.2797



90.8310, 3.0413, 4.5332



60.5130, 49.5401, 70.5871



12.4330, 10.1395, 14.5293

Previews

White Background



This preview shows how the YUV color 166.5420, -22.4522, -32.0473 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 166.5420, -22.4522, -32.0473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

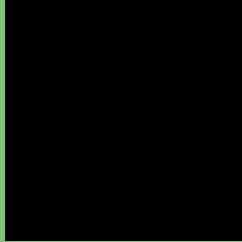
Any Text WCAG AA ✓ Pass

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 166.5420, -22.4522, -32.0473 Background



This preview shows how black text looks on a background with the YUV color 166.5420, -22.4522, -32.0473.



This preview shows how white text looks on a background with the YUV color 166.5420, -22.4522, -32.0473.

-32.0473.

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

166.5420, -22.4522, -32.0473

Protanopia

175.1890, -30.1662, 15.6202

Deuteranopia

177.2430, -25.2628, 29.6049



Tritanopia

174.3370, 12.1589, -26.6055

Trichromacy



Original Color

166.5420, -22.4522, -32.0473

Protanomaly

172.1760, -27.2018, -1.9084

Deuteranomaly

173.6270, -24.4661, 7.3431

Tritanomaly

171.4110, -0.2026, -28.4244

Monochromacy



Original Color

166.5420, -22.4522, -32.0473

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0450, -8.4032, -11.4405

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5420, -22.4522, -32.0473 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(130, 194, 121)` looks like.

```
.text, #text, p{  
    color:rgb(130, 194, 121)  
}
```

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(130, 194, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 194, 121) }
```

Border

The CSS property to change the border of an element to YUV 166.5420, -22.4522, -32.0473 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(130, 194, 121) }
```


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

```
.border{ border-color:rgb(130, 194, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 194, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 194, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 194, 121);  
box-shadow:4px 4px 4px 4px rgb(130, 194,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 166.5420, -22.4522, -32.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 194, 121) }
```

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

```
.background{ background-color: rgb(130,  
194, 121) }
```

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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