

Converting Colors

YUV(169.8560, -41.8340,
24.6823)

Have a look what the booklet for
YUV(169.8560, -41.8340, 24.6823)
contains.

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Color

**YUV(169.8560, -41.8340,
24.6823)**

Conversions

Conversions Part 1

Format	Color
Hex	C6AC55
RGB	198, 172, 85
RGB Percent	78%, 67%, 33%
CMY	0.2235, 0.3255, 0.6667
CMYK	0.00, 0.13, 0.57, 0.22
HSL	46°, 50%, 55%
HSV	46°, 57%, 78%
XYZ	39.6809, 42.1667, 14.6419
YIQ	169.8560, 43.4230, -21.5450

Conversions

Conversions Part 2

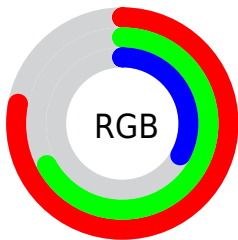
Format	Color
RYB	119, 198, 85
Decimal	13020245
CIELab	70.99, -1.24, 47.51
CIELCh	71, 47.527, 91.499
Yxy	42.1667, 0.4112, 0.4370
Android (android.graphics.Color)	4291210325 (0xFFC6AC55)
YUV	169.8560, -41.8340, 24.6823
Hunter-Lab	64.9359, -4.5603, 32.0863

Details

The YUV color **169.8560, -41.8340, 24.6823** is a light color, and the websafe version is hex **999933**. The color can be described as light muted orange. A complement of this color would be **113.1440, 41.8340, -24.6823**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1120, -43.4392, 26.2118**, and **116.4750, -40.6602, 21.5084** is the 20% darker color. If you saturate the color by 10%, you get **164.6410, -49.1230, 29.2558**, and if you desaturate by 10%, it is **175.0710, -34.5450, 20.1087**.

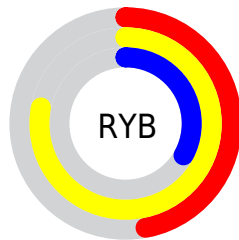
Distribution



Red (78%)

Green (67%)

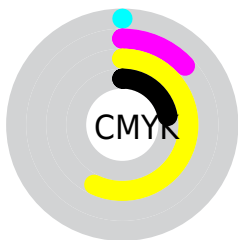
Blue (33%)



Red (47%)

Yellow (78%)

Blue (33%)

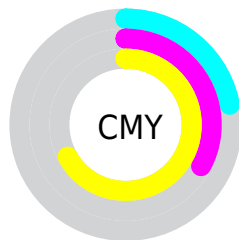


Cyan (0%)

Magenta (13%)

Yellow (57%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.8560, -41.8340, 24.6823 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 169.8560, -41.8340, 24.6823 by changing the saturation by 10% instead.

■ 169.8560,
-41.8340, 24.6823

■ 169.8560,
-41.8340, 24.6823

■ 255.0000, 0.0000,
0.0000

■ 143.0730,
-40.9550, 22.7380

■ 225.1120,
-43.4392, 26.2118

■ 116.4750,
-40.6602, 21.5084

■ 244.6260,
-39.7486, 9.0980

■ 90.1930, -42.9861,
20.8787

■ 247.8180,
-27.5183, 6.2986

■ 68.5760, -33.8080,
17.0348

■ 251.0100,
-15.2879, 3.4992

■ 47.8880, -23.6088,
12.3762

■ 254.3160, -2.6208,
0.5999

■ 28.0860, -13.8464,
7.8176

■ 2.9460, -1.4524,

-0.8296

■ 0.0000, 0.0000,
0.0000

■ 169.8560,
-41.8340, 24.6823

■ 169.8560,
-41.8340, 24.6823

■ 164.6410,
-49.1230, 29.2558

■ 175.0710,
-34.5450, 20.1087

■ 160.0130,
-56.7014, 33.3146

■ 179.6990,
-26.9666, 16.0500

■ 154.9120,
-63.5536, 37.7882

■ 184.8000,
-20.1144, 11.5764

■ 150.2840,
-71.1320, 41.8469

■ 189.4280,
-12.5360, 7.5176

■ 148.4260,
-73.1740, 43.4764

■ 194.6430, -5.2470,
2.9441

■ 199.2710, 2.3314,
-1.1147

■ 204.4860, 9.6204,
-5.6882

■ 209.0000, 16.7620,
-9.6470

■ 213.3030, 20.5566,
-13.4207

Harmonies

Analogous

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



172.9980, -36.9740, 52.6218



169.8560, -41.8340, 24.6823



164.8130, -33.4318, -10.3600

Triad

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



169.8560, -41.8340, 24.6823



139.3170, 38.7907, -122.1810



178.7970, 18.3411, 44.0280

Complementary

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



169.8560, -41.8340, 24.6823



113.1440, 41.8340, -24.6823

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.



177.1860, 34.9113, 2.4679



169.8560, -41.8340, 24.6823



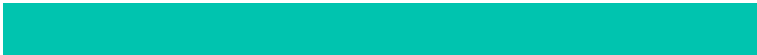
139.3290, 54.0678, -122.1915

Square

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



169.8560, -41.8340, 24.6823



135.0020, 19.7190, -118.3968



164.3640, 44.6835, -52.0622



176.3750, -1.6639, 67.2001

Rectangle

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



169.8560, -41.8340, 24.6823



160.2640, -20.8362, -37.0655



164.3640, 44.6835, -52.0622



179.2130, 24.0520, 32.2622

Sweetspot

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



169.8560, -41.8340, 24.6823



244.2280, -15.8884, 9.4470



121.7510, -5.3002, 66.8704



121.5140, -9.6204, 5.6882



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.



169.8560, -41.8340, 24.6823



211.7980, -63.9904, 37.8882



176.1480, -44.9360, -7.1458



96.8000, -3.3524, 1.9294



122.6990, -60.4906, 35.3440



26.6130, -13.1202, 8.2324

Inverse Universe

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



113.1440, 41.8340, -24.6823



124.6150, 64.2798, -37.3734



106.8520, 44.9360, 7.1458



92.2000, 3.3524, -1.9294



40.8880, 60.2012, -35.8588



8.8000, 13.4096, -7.7176

Previews

White Background



This preview shows how the YUV color 169.8560, -41.8340, 24.6823 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 169.8560, -41.8340, 24.6823 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 169.8560, -41.8340, 24.6823

Background



This preview shows how black text looks on a background with the YUV color 169.8560, -41.8340, 24.6823.



This preview shows how white text looks on a background with the YUV color 169.8560, -41.8340, 24.6823.

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

169.8560, -41.8340, 24.6823

Protanopia

169.3500, -41.0915, 19.8641

Deuteranopia

171.3460, -41.5826, 37.4076



Tritanopia

176.6380, -0.8075, 25.7505

Trichromacy



Original Color

169.8560, -41.8340, 24.6823

Protanomaly

169.3610, -41.0970, 21.6084

Deuteranomaly

170.6120, -41.7137, 32.7893

Tritanomaly

174.3270, -15.9372, 25.1462

Monochromacy



Original Color

169.8560, -41.8340, 24.6823

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0430, -15.3042, 8.7323

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.8560, -41.8340, 24.6823 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(198, 172, 85)` looks like.

```
.text, #text, p{  
    color:rgb(198, 172, 85)  
}
```

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(198, 172, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 172, 85) }
```

Border

The CSS property to change the border of an element to YUV 169.8560, -41.8340, 24.6823 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(198, 172, 85) }
```


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

```
.border{ border-color:rgb(198, 172, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 172, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 172, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 172, 85);  
box-shadow:4px 4px 4px 4px rgb(198, 172,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 169.8560, -41.8340, 24.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 172, 85) }
```

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

```
.background{ background-color: rgb(198,  
172, 85) }
```

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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