

Converting Colors

YUV(164.4720, -16.0087,
1.3401)

Have a look what the booklet for
YUV(164.4720, -16.0087, 1.3401)
contains.

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Color

**YUV(164.4720, -16.0087,
1.3401)**

Conversions

Conversions Part 1

Format	Color
Hex	A6AA84
RGB	166, 170, 132
RGB Percent	65%, 67%, 52%
CMY	0.3490, 0.3333, 0.4824
CMYK	0.02, 0.00, 0.22, 0.33
HSL	66°, 18%, 59%
HSV	66°, 22%, 67%
XYZ	34.2655, 38.5224, 27.4594
YIQ	164.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

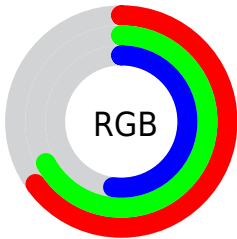
Format	Color
RYB	132, 170, 136
Decimal	10922628
CIELab	68.40, -7.95, 19.16
CIELCh	68, 20.749, 112.536
Yxy	38.5224, 0.3418, 0.3843
Android (android.graphics.Color)	4289112708 (0xFFA6AA84)
YUV	164.4720, -16.0087, 1.3401
Hunter-Lab	62.0664, -10.0704, 17.2154

Details

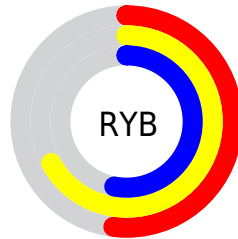
The YUV color **164.4720, -16.0087, 1.3401** is a light color, and the websafe version is hex **999966**. A complement of this color would be **137.5280, 16.0087, -1.3401**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.2440, -16.8823, 1.5400**, and **112.7000, -15.1351, 1.1401** is the 20% darker color. If you saturate the color by 10%, you get **161.9360, -23.1394, 1.8101**, and if you desaturate by 10%, it is **167.0080, -8.8779, 0.8700**.

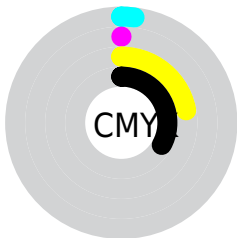
Distribution



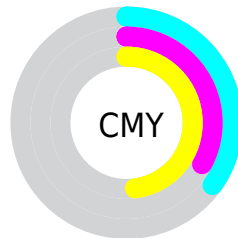
- Red (65%)
- Green (67%)
- Blue (52%)



- Red (52%)
- Yellow (67%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4720, -16.0087, 1.3401 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 164.4720, -16.0087, 1.3401 by changing the saturation by 10% instead.

■ 164.4720,
-16.0087, 1.3401

■ 164.4720,
-16.0087, 1.3401

■ 255.0000, 0.0000,
0.0000

■ 138.2870,
-15.4245, 0.6253

■ 219.2440,
-16.8823, 1.5400

■ 112.7000,
-15.1351, 1.1401

■ 248.1300,
-17.3191, 1.6400

■ 87.9280, -14.2615,
0.9401

■ 253.4040, -6.1152,
1.3997

■ 64.7430, -13.6773,
0.2254

■ 41.9710, -12.8037,
0.0254

■ 22.4270, -11.0565,
-0.3745

■ 0.0000, 0.0000,

0.0000

■ 164.4720,
-16.0087, 1.3401

■ 164.4720,
-16.0087, 1.3401

■ 161.9360,
-23.1394, 1.8101

■ 167.0080, -8.8779,
0.8700

■ 159.4000,
-30.2702, 2.2802

■ 169.5440, -1.7472,
0.3999

■ 157.1630,
-37.5484, 3.3650

■ 171.7810, 5.5310,
-0.6849

■ 154.6270,
-44.6791, 3.8351

■ 174.3170, 12.6617,
-1.1550

■ 152.0910,
-51.8099, 4.3052

■ 176.8530, 19.7925,
-1.6251

■ 149.5550,
-58.9406, 4.7753

■ 179.3890, 26.9232,
-2.0952

■ 147.0190,
-66.0714, 5.2453

■ 181.9250, 34.0540,
-2.5652

■ 145.2380,
-71.6023, 5.9303

■ 182.6800, 35.6538,
-2.3504

■ 183.2780, 35.3589,
-1.1208

Harmonies

Analogous

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



166.7020, -18.0941, 16.9243



164.4720, -16.0087, 1.3401



162.4960, -9.1185, -15.3440

Triad

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



164.4720, -16.0087, 1.3401



160.9490, 17.2801, -35.9123



170.1050, 0.9342, 27.0949

Complementary

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



164.4720, -16.0087, 1.3401



137.5280, 16.0087, -1.3401

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.



170.3190, 9.7027, 14.6292



164.4720, -16.0087, 1.3401



164.6070, 19.4207, -22.4573

Square

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



164.4720, -16.0087, 1.3401



158.8040, 10.4496, -38.4161



168.2180, 16.1615, -3.6992



169.4340, -8.1020, 32.0684

Rectangle

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



164.4720, -16.0087, 1.3401



160.7380, -2.8288, -26.0802



168.2180, 16.1615, -3.6992



170.5930, 4.1447, 24.0359

Sweetspot

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



164.4720, -16.0087, 1.3401



219.5780, -6.6940, 0.3701



145.7100, -6.7590, 21.3023



110.6750, -3.7838, 0.2850



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



164.4720, -16.0087, 1.3401



213.3660, -25.3234, 2.3100



158.7910, -13.2080, -10.3407



82.7890, -3.3470, 0.1850



126.3440, -62.2876, 4.9603



17.1220, -8.4411, 0.7700

Inverse Universe

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



137.5280, 16.0087, -1.3401



170.6340, 25.3234, -2.3100



143.2090, 13.2080, 10.3407



77.2110, 3.3470, -0.1850



21.6560, 62.2876, -4.9603



2.8780, 8.4411, -0.7700

Previews

White Background



This preview shows how the YUV color 164.4720, -16.0087, 1.3401 looks on a white background.

Color Contrast Check

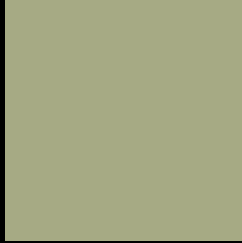
Large Text (above 18pt) WCAG AA × Fail

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 164.4720, -16.0087, 1.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

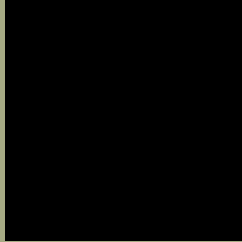
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

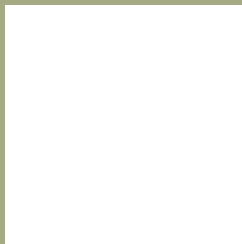
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.4720, -16.0087, 1.3401

Background



This preview shows how black text looks on a background with the YUV color 164.4720, -16.0087, 1.3401.



This preview shows how white text looks on a background with the YUV color 164.4720, -16.0087, 1.3401.

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

164.4720, -16.0087, 1.3401

Protanopia

165.4840, -17.4936, 10.9765

Deuteranopia

167.2020, -16.3686, 23.5018



Tritanopia

167.8740, 4.4991, 3.6185

Trichromacy



Original Color

164.4720, -16.0087, 1.3401

Protanomaly

164.9890, -16.7566, 7.9026

Deuteranomaly

166.4460, -16.4889, 15.3949

Tritanomaly

166.6260, -2.7736, 2.9590

Monochromacy



Original Color

164.4720, -16.0087, 1.3401

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1050, -5.9678, 0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4720, -16.0087, 1.3401 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(166, 170, 132)` looks like.

```
.text, #text, p{  
    color:rgb(166, 170, 132)  
}
```

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(166, 170, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 170, 132) }
```

Border

The CSS property to change the border of an element to YUV 164.4720, -16.0087, 1.3401 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(166, 170, 132) }
```


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

```
.border{ border-color:rgb(166, 170, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 170, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 170, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 170, 132);  
box-shadow:4px 4px 4px 4px rgb(166, 170,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 164.4720, -16.0087, 1.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 170, 132) }
```

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

```
.background{ background-color: rgb(166,  
170, 132) }
```

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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