

Converting Colors

YUV(164.2270, -7.5069,
27.8649)

Have a look what the booklet for
YUV(164.2270, -7.5069, 27.8649)
contains.

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Color

**YUV(164.2270, -7.5069,
27.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	C49795
RGB	196, 151, 149
RGB Percent	77%, 59%, 58%
CMY	0.2314, 0.4078, 0.4157
CMYK	0.00, 0.23, 0.24, 0.23
HSL	3°, 28%, 68%
HSV	3°, 24%, 77%
XYZ	39.2564, 36.0389, 33.3209
YIQ	164.2270, 27.4620, 8.9180

Conversions

Conversions Part 2

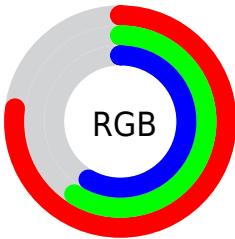
Format	Color
R_{YB}	196, 151, 149
Decimal	12883861
CIE Lab	66.55, 16.54, 7.55
CIE LCh	67, 18.182, 24.535
Yxy	36.0389, 0.3614, 0.3318
Android (android.graphics.Color)	4291073941 (0xFFC49795)
YUV	164.2270, -7.5069, 27.8649
Hunter-Lab	60.0324, 11.6679, 9.1138

Details

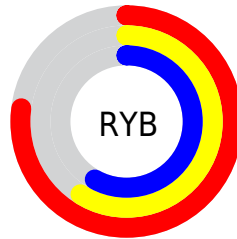
The YUV color $164.2270, -7.5069, 27.8649$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $180.7730, 7.5069, -27.8649$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.1240, -7.9491, 29.7093$, and $112.0310, -6.9173, 25.4058$ is the 20% darker color. If you saturate the color by 10%, you get $150.7940, -10.7444, 39.6457$, and if you desaturate by 10%, it is $177.6600, -4.2694, 16.0842$.

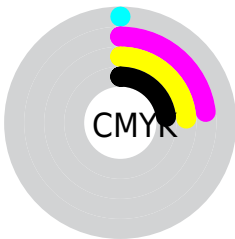
Distribution



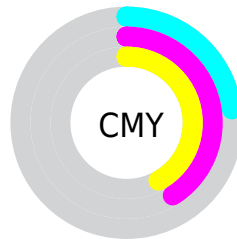
- Red (77%)
- Green (59%)
- Blue (58%)



- Red (77%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (24%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2270, -7.5069, 27.8649 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 164.2270, -7.5069, 27.8649 by changing the saturation by 10% instead.


 164.2270, -7.5069,
27.8649

 164.2270, -7.5069,
27.8649


255.0000, 0.0000,
0.0000


 137.6290, -7.2121,
26.6354


 219.1240, -7.9491,
29.7093


 112.0310, -6.9173,
25.4058

 239.9370, -4.4059,
13.2103

 87.5470, -6.1857,
24.0763

 63.9490, -5.8909,
22.8467

 41.1660, -5.0118,
20.9024

 18.8240, -6.3222,
21.2024

 1.1960, -0.5896,

2.4591

■ 0.0000, 0.0000,
0.0000

■ 164.2270, -7.5069,
27.8649

■ 164.2270, -7.5069,
27.8649

■ 150.7940,
-10.7444, 39.6457

■ 177.6600, -4.2694,
16.0842

■ 137.4750,
-13.5452, 51.3264

■ 190.9790, -1.4686,
4.4034

■ 124.6290,
-17.0721, 62.5924

■ 203.8250, 2.0583,
-6.8625

■ 111.3100,
-19.8728, 74.2731

■ 217.1440, 4.8590,
-18.5433

■ 97.8770, -23.1104,
86.0539

■ 230.5770, 8.0965,
-30.3240

■ 84.4440, -26.3479,
97.8346

■ 237.3590, 8.6970,
-36.2718

■ 71.7120, -29.4380,
109.0006

■ 63.3000, -31.2069,
116.3779

Harmonies

Analogous

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



165.1540, -0.0759, 24.4209



164.2270, -7.5069, 27.8649



162.7120, -13.1690, 23.9316

Triad

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



164.2270, -7.5069, 27.8649



157.5500, -7.6661, -14.5143



159.9450, 16.7891, -18.3688

Complementary

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



164.2270, -7.5069, 27.8649



180.7730, 7.5069, -27.8649

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.



157.4120, 15.0799, -30.1793



164.2270, -7.5069, 27.8649



155.7640, 1.1023, -26.9800

Square

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



164.2270, -7.5069, 27.8649



159.7430, -13.6773, 0.2254



155.6090, 9.5598, -32.9831



163.2460, 13.6827, -1.9697

Rectangle

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



164.2270, -7.5069, 27.8649



162.0980, -15.3313, 17.4541



155.6090, 9.5598, -32.9831



159.2110, 16.6580, -22.9870

Sweetspot

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



164.2270, -7.5069, 27.8649



242.9690, -2.9427, 10.5512



168.1830, 12.7278, 24.3955



120.8760, -1.9109, 6.2477



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.



164.2270, -7.5069, 27.8649



204.8870, -11.7763, 43.9491



177.7280, -14.1629, 16.0245



90.5770, -1.7635, 5.6330



52.2480, -25.7583, 95.3755



10.4540, -5.1538, 19.7728

Inverse Universe

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



180.7730, 7.5069, -27.8649



231.1130, 11.7763, -43.9491



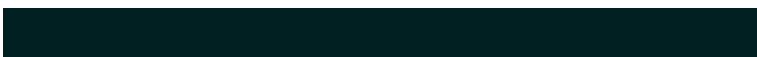
167.2720, 14.1629, -16.0245



93.4230, 1.7635, -5.6330



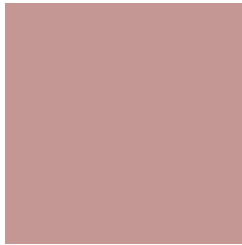
108.7520, 25.7583, -95.3755



22.5460, 5.1538, -19.7728

Previews

White Background



This preview shows how the YUV color 164.2270, -7.5069, 27.8649 looks on a white background.

Color Contrast Check

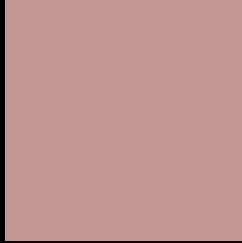
Large Text (above 18pt) WCAG AA × Fail

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 164.2270, -7.5069, 27.8649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

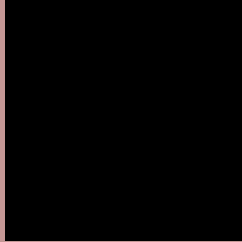
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.2270, -7.5069, 27.8649

Background



This preview shows how black text looks on a background with the YUV color 164.2270, -7.5069, 27.8649.



This preview shows how white text looks on a background with the YUV color 164.2270, -7.5069,

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

164.2270, -7.5069, 27.8649

Protanopia

162.1100, -3.5052, 4.2885

Deuteranopia

163.1610, -7.4744, 17.3988



Tritanopia

164.7200, -1.8340, 28.3096

Trichromacy



Original Color

164.2270, -7.5069, 27.8649

Protanomaly

162.8230, -4.8427, 13.3102

Deuteranomaly

163.4820, -7.6326, 21.5023

Tritanomaly

164.8510, -3.8705, 28.1947

Monochromacy



Original Color

164.2270, -7.5069, 27.8649

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2270, -7.5069, 27.8649 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(196, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(196, 151, 149)  
}
```

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(196, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 151, 149) }
```

Border

The CSS property to change the border of an element to YUV 164.2270, -7.5069, 27.8649 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(196, 151, 149) }
```


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

```
.border{ border-color:rgb(196, 151, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 151, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(196, 151,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 164.2270, -7.5069, 27.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 151, 149) }
```

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

```
.background{ background-color: rgb(196,  
151, 149) }
```

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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