

Converting Colors

YUV(166.0450, -18.2632,
24.5165)

Have a look what the booklet for
YUV(166.0450, -18.2632, 24.5165)
contains.

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Color

**YUV(166.0450, -18.2632,
24.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	C29F81
RGB	194, 159, 129
RGB Percent	76%, 62%, 51%
CMY	0.2392, 0.3765, 0.4941
CMYK	0.00, 0.18, 0.34, 0.24
HSL	28°, 35%, 63%
HSV	28°, 34%, 76%
XYZ	38.6087, 37.8506, 26.0399
YIQ	166.0450, 30.4900, -1.9100

Conversions

Conversions Part 2

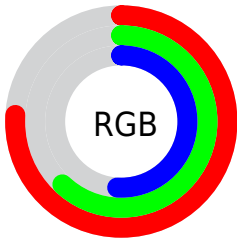
Format	Color
RYB	194, 185, 129
Decimal	12754817
CIELab	67.91, 8.62, 20.53
CIELCh	68, 22.265, 67.232
Yxy	37.8506, 0.3767, 0.3693
Android (android.graphics.Color)	4290944897 (0xFFC29F81)
YUV	166.0450, -18.2632, 24.5165
Hunter-Lab	61.5228, 4.3529, 17.9712

Details

The YUV color $166.0450, -18.2632, 24.5165$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $156.9550, 18.2632, -24.5165$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.4150, -19.4316, 25.9460$, and $114.0770, -16.8000, 21.8575$ is the 20% darker color. If you saturate the color by 10%, you get $158.0090, -23.6684, 31.5641$, and if you desaturate by 10%, it is $174.0810, -12.8579, 17.4690$.

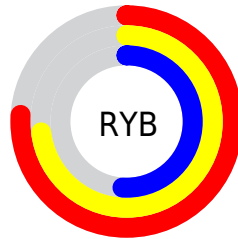
Distribution



Red (76%)

Green (62%)

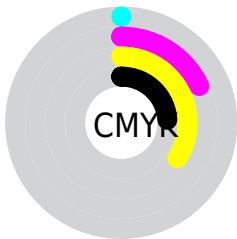
Blue (51%)



Red (76%)

Yellow (73%)

Blue (51%)

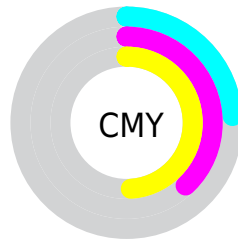


Cyan (0%)

Magenta (18%)

Yellow (34%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.0450, -18.2632, 24.5165 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 166.0450, -18.2632, 24.5165 by changing the saturation by 10% instead.


 166.0450,
-18.2632, 24.5165


 166.0450,
-18.2632, 24.5165


255.0000, 0.0000,
0.0000

 139.5610,
-17.5316, 23.1870


 221.4150,
-19.4316, 25.9460


 114.0770,
-16.8000, 21.8575


 242.2390,
-15.8938, 11.1914

 88.8920, -16.2158,
21.1427

 253.0620, -7.4256,
1.6996

 65.1090, -15.3367,
19.1984

 43.2120, -14.8945,
17.3541

 22.5260, -11.1053,
15.3247

 0.0000, 0.0000,

0.0000

■ 166.0450,
-18.2632, 24.5165

■ 166.0450,
-18.2632, 24.5165

■ 158.0090,
-23.6684, 31.5641

■ 174.0810,
-12.8579, 17.4690

■ 149.2720,
-29.2211, 39.2265

■ 182.8180, -7.3053,
9.8066

■ 141.2360,
-34.6263, 46.2740

■ 190.8540, -1.9000,
2.7590

■ 132.4990,
-40.1790, 53.9364

■ 199.5910, 3.6526,
-4.9033

■ 124.4630,
-45.5843, 60.9839

■ 207.6270, 9.0579,
-11.9509

■ 115.8400,
-50.7001, 68.5463

■ 216.2500, 14.1738,
-19.5132

■ 110.8360,
-54.6421, 72.9348

■ 223.2600, 15.6478,
-25.6610

■ 229.7170, 12.4645,
-31.3238

■ 235.5870, 9.5706,
-36.4718

Harmonies

Analogous

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



167.2940, -12.4699, 33.0682



166.0450, -18.2632, 24.5165



164.4300, -18.9460, 10.1469

Triad

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



166.0450, -18.2632, 24.5165



157.0660, 6.3765, -38.6459



168.1160, 14.2398, 6.0373

Complementary

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



166.0450, -18.2632, 24.5165



156.9550, 18.2632, -24.5165

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.



165.0640, 19.6884, -14.9651



166.0450, -18.2632, 24.5165



157.4490, 15.5546, -42.4898

Square

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



166.0450, -18.2632, 24.5165



159.4670, -5.1602, -24.9656



160.7690, 20.3269, -33.1234



169.0490, 5.8918, 23.6360

Rectangle

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



166.0450, -18.2632, 24.5165



162.6350, -16.5821, -1.4339



160.7690, 20.3269, -33.1234



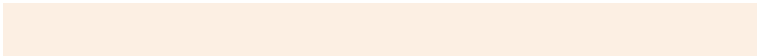
167.0550, 16.7349, -0.9252

Sweetspot

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



166.0450, -18.2632, 24.5165



241.5190, -7.1579, 9.1918



152.5390, 6.1433, 36.3613



120.8930, -4.3842, 6.2328



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.



166.0450, -18.2632, 24.5165



208.7880, -28.4895, 37.8969



184.8290, -27.5237, 8.0430



92.9250, -2.9210, 3.5738



91.5770, -45.1475, 60.8840



18.6720, -9.2053, 12.5657

Inverse Universe

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



156.9550, 18.2632, -24.5165



194.7990, 28.2001, -38.4117



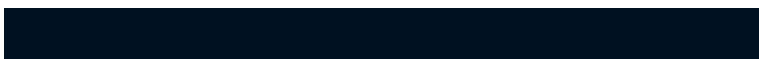
138.1710, 27.5237, -8.0430



91.0750, 2.9210, -3.5738



69.4230, 45.1475, -60.8840



14.3280, 9.2053, -12.5657

Previews

White Background



This preview shows how the YUV color 166.0450, -18.2632, 24.5165 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 166.0450, -18.2632, 24.5165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

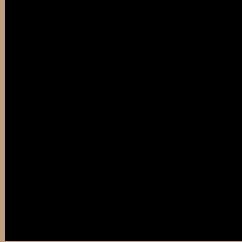
Any Text WCAG AA ✓ Pass

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 166.0450, -18.2632, 24.5165 Background



This preview shows how black text looks on a background with the YUV color 166.0450, -18.2632, 24.5165.



This preview shows how white text looks on a background with the YUV color 166.0450, -18.2632, 24.5165.

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

166.0450, -18.2632, 24.5165

Protanopia

164.5270, -16.0358, 10.0618

Deuteranopia

166.0450, -18.2632, 24.5165



Tritanopia

168.5240, -1.2443, 25.8505

Trichromacy



Original Color

166.0450, -18.2632, 24.5165

Protanomaly

165.3320, -16.9257, 15.4948

Deuteranomaly

166.0450, -18.2632, 24.5165

Tritanomaly

167.9170, -7.3541, 25.5058

Monochromacy



Original Color

166.0450, -18.2632, 24.5165

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.7470, -6.2843, 8.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0450, -18.2632, 24.5165 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(194, 159, 129)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 129)  
}
```

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(194, 159, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 129) }
```

Border

The CSS property to change the border of an element to YUV 166.0450, -18.2632, 24.5165 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(194, 159, 129) }
```


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

```
.border{ border-color:rgb(194, 159, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 129);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 166.0450, -18.2632, 24.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 129) }
```

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

```
.background{ background-color: rgb(194,  
159, 129) }
```

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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