

Converting Colors

YUV(180.5370, -24.4217,
39.8711)

Have a look what the booklet for
YUV(180.5370, -24.4217, 39.8711)
contains.

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Color

**YUV(180.5370, -24.4217,
39.8711)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A783
RGB	226, 167, 131
RGB Percent	89%, 65%, 51%
CMY	0.1137, 0.3451, 0.4863
CMYK	0.00, 0.26, 0.42, 0.11
HSL	23°, 62%, 70%
HSV	23°, 42%, 89%
XYZ	49.2795, 45.4449, 27.6472
YIQ	180.5370, 46.7200, 1.3120

Conversions

Conversions Part 2

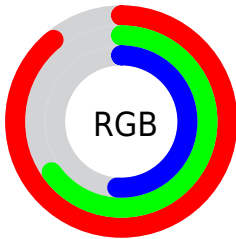
Format	Color
R _Y B	226, 189, 131
Decimal	14854019
CIE Lab	73.18, 17.27, 27.12
CIE LCh	73, 32.149, 57.516
Yxy	45.4449, 0.4027, 0.3714
Android (android.graphics.Color)	4293044099 (0xFFE2A783)
YUV	180.5370, -24.4217, 39.8711
Hunter-Lab	67.4128, 12.5130, 22.8731

Details

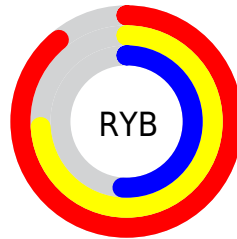
The YUV color $180.5370, -24.4217, 39.8711$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $176.4630, 24.4217, -39.8711$, and the grayscale version is $181.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.5350, -21.4628, 24.0868$, and $127.2700, -22.8111, 36.5972$ is the 20% darker color. If you saturate the color by 10%, you get $169.6970, -30.4166, 49.3777$, and if you desaturate by 10%, it is $191.3770, -18.4269, 30.3644$.

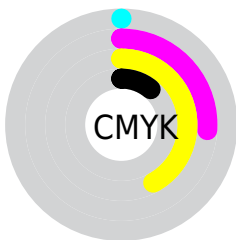
Distribution



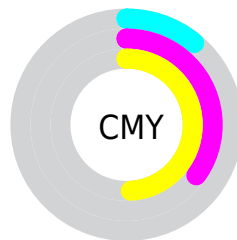
- Red (89%)
- Green (65%)
- Blue (51%)



- Red (89%)
- Yellow (74%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (11%)



- Cyan (11%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.5370, -24.4217, 39.8711 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 180.5370, -24.4217, 39.8711 by changing the saturation by 10% instead.

180.5370,
-24.4217, 39.8711

180.5370,
-24.4217, 39.8711

255.0000, 0.0000,
0.0000

153.7540,
-23.5427, 37.9267

227.5350,
-21.4628, 24.0868

127.2700,
-22.8111, 36.5972

247.7500,
-17.6247, 6.3582

101.6010,
-21.4953, 34.5529

253.2900, -6.5520,
1.4997

76.8180, -20.6163,
32.6086

53.4370, -19.4424,
29.4348

32.0390, -15.7952,
26.2758

11.3620, -5.6015,

23.3615

■ 0.0000, 0.0000,
0.0000

■ 180.5370,
-24.4217, 39.8711

■ 180.5370,
-24.4217, 39.8711

■ 169.6970,
-30.4166, 49.3777

■ 191.3770,
-18.4269, 30.3644

■ 158.9710,
-35.9747, 58.7844

■ 202.1030,
-12.8688, 20.9577

■ 148.1310,
-41.9696, 68.2911

■ 212.9430, -6.8739,
11.4510

■ 137.4050,
-47.5277, 77.6978

■ 223.6690, -1.3158,
2.0443

■ 126.5650,
-53.5225, 87.2045

■ 234.5090, 4.6791,
-7.4624

■ 118.0560,
-58.2016, 94.6669

■ 243.9810, 5.4324,
-15.7693

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



182.0510, -13.8291, 49.0673



180.5370, -24.4217, 39.8711



178.3900, -28.2933, 21.5830

Triad

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



180.5370, -24.4217, 39.8711



166.2120, 4.8255, -54.5599



181.8190, 24.7392, -1.5953

Complementary

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



180.5370, -24.4217, 39.8711



176.4630, 24.4217, -39.8711

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.



175.5160, 30.8046, -33.7785



180.5370, -24.4217, 39.8711



162.7660, 21.3144, -69.9548

Square

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



180.5370, -24.4217, 39.8711



171.3110, -11.9853, -29.2137



167.2260, 30.4546, -61.5882



184.1340, 13.7379, 27.0695

Rectangle

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



180.5370, -24.4217, 39.8711



176.1600, -26.2079, 5.9987



167.2260, 30.4546, -61.5882



180.7360, 27.2452, -12.0465

Sweetspot

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



180.5370, -24.4217, 39.8711



238.9110, -8.3371, 14.1101



166.2450, 12.2042, 52.4051



117.9750, -5.4107, 8.7919



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.



180.5370, -24.4217, 39.8711



194.1490, -32.6115, 53.3663



207.5390, -37.7337, 16.1903



106.6370, -2.7790, 4.7034



91.9530, -45.3328, 73.7092



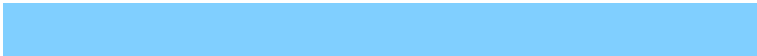
24.9180, -12.2846, 20.2429

Inverse Universe

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



176.4630, 24.4217, -39.8711



188.8510, 32.6115, -53.3663



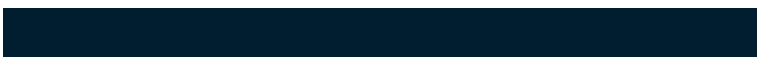
149.4610, 37.7337, -16.1903



106.3630, 2.7790, -4.7034



84.0470, 45.3328, -73.7092



23.0820, 12.2846, -20.2429

Previews

White Background



This preview shows how the YUV color 180.5370, -24.4217, 39.8711 looks on a white background.

Color Contrast Check

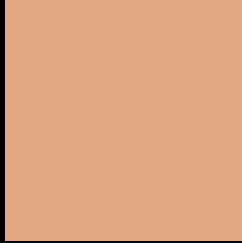
Large Text (above 18pt) WCAG AA × Fail

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 180.5370, -24.4217, 39.8711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

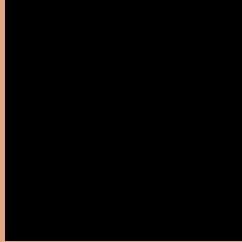
Any Text WCAG AA ✓ Pass

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 180.5370, -24.4217, 39.8711 Background



This preview shows how black text looks on a background with the YUV color 180.5370, -24.4217, 39.8711.



This preview shows how white text looks on a background with the YUV color 180.5370, -24.4217, 39.8711.

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

180.5370, -24.4217, 39.8711

Protanopia

178.9850, -20.6986, 12.2912

Deuteranopia

179.4710, -24.3892, 29.4049



Tritanopia

183.1130, -4.4927, 41.1199

Trichromacy



Original Color

180.5370, -24.4217, 39.8711

Protanomaly

179.4100, -21.8941, 22.4424

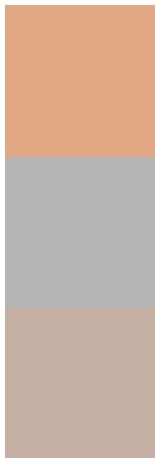
Deuteranomaly

179.7920, -24.5475, 33.5084

Tritanomaly

182.1640, -11.9129, 41.0752

Monochromacy



Original Color

180.5370, -24.4217, 39.8711

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7970, -8.7739, 14.2100

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.5370, -24.4217, 39.8711 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(226, 167, 131)` looks like.

```
.text, #text, p{  
    color:rgb(226, 167, 131)  
}
```

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(226, 167, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 167, 131) }
```

Border

The CSS property to change the border of an element to YUV 180.5370, -24.4217, 39.8711 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(226, 167, 131) }
```


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

```
.border{ border-color:rgb(226, 167, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 167, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 167, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 167, 131);  
box-shadow:4px 4px 4px 4px rgb(226, 167,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 180.5370, -24.4217, 39.8711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 167, 131) }
```

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

```
.background{ background-color: rgb(226,  
167, 131) }
```

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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