

Converting Colors

YUV(176.1480, -31.1320,
45.4742)

Have a look what the booklet for
YUV(176.1480, -31.1320, 45.4742)
contains.

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Color

**YUV(176.1480, -31.1320,
45.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A271
RGB	228, 162, 113
RGB Percent	89%, 64%, 44%
CMY	0.1059, 0.3647, 0.5569
CMYK	0.00, 0.29, 0.50, 0.11
HSL	26°, 68%, 67%
HSV	26°, 50%, 89%
XYZ	47.8959, 43.5269, 21.4999
YIQ	176.1480, 55.0650, -1.2470

Conversions

Conversions Part 2

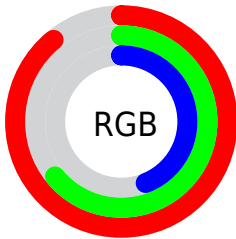
Format	Color
R_{YB}	228, 198, 113
Decimal	14983793
CIE _{Lab}	71.91, 18.96, 35.11
CIE _{LCh}	72, 39.899, 61.633
Yxy	43.5269, 0.4241, 0.3855
Android (android.graphics.Color)	4293173873 (0xFFE4A271)
YUV	176.1480, -31.1320, 45.4742
Hunter-Lab	65.9749, 14.1297, 26.8610

Details

The YUV color $176.1480, -31.1320, 45.4742$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $164.8520, 31.1320, -45.4742$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.4340, -28.3150, 28.5604$, and $122.6960, -28.9371, 41.4856$ is the 20% darker color. If you saturate the color by 10%, you get $165.8950, -37.4162, 54.4661$, and if you desaturate by 10%, it is $186.4010, -24.8477, 36.4823$.

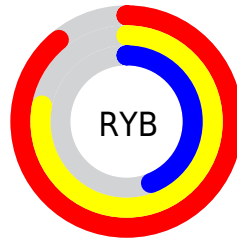
Distribution



Red (89%)

Green (64%)

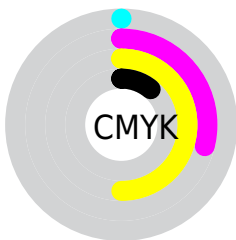
Blue (44%)



Red (89%)

Yellow (78%)

Blue (44%)

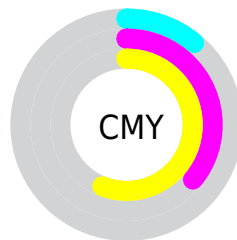


Cyan (0%)

Magenta (29%)

Yellow (50%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1480, -31.1320, 45.4742 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 176.1480, -31.1320, 45.4742 by changing the saturation by 10% instead.

176.1480,
-31.1320, 45.4742

176.1480,
-31.1320, 45.4742

255.0000, 0.0000,
0.0000

149.3650,
-30.2529, 43.5299

222.4340,
-28.3150, 28.5604

122.6960,
-28.9371, 41.4856

242.6490,
-24.4770, 10.8318

97.3150, -27.7633,
38.3117

251.1240,
-14.8511, 3.3993

72.5320, -26.8843,
36.3674

254.4300, -2.1840,
0.4999

49.4930, -24.4000,
32.8936

28.5060, -14.0535,
27.6202

11.0630, -5.4541,

22.7467

■ 0.0000, 0.0000,
0.0000

■ 176.1480,
-31.1320, 45.4742

■ 176.1480,
-31.1320, 45.4742

■ 165.8950,
-37.4162, 54.4661

■ 186.4010,
-24.8477, 36.4823

■ 155.6420,
-43.7005, 63.4580

■ 196.6540,
-18.5634, 27.4904

■ 145.5030,
-49.5480, 72.3499

■ 206.7930,
-12.7159, 18.5985

■ 135.2500,
-55.8323, 81.3418

■ 217.0460, -6.4317,
9.6067

■ 125.1110,
-61.6797, 90.2337

■ 227.2990, -0.1474,
0.6148

■ 238.1390, 5.8475,
-8.8919

■ 246.3400, 4.2694,
-16.0842

■ 246.9270, 3.9800,
-16.5990

Harmonies

Analogous

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



177.8520, -18.6610, 58.8888



176.1480, -31.1320, 45.4742



173.6690, -34.8398, 21.3383

Triad

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



176.1480, -31.1320, 45.4742



154.0670, 11.3060, -79.8658



179.2910, 28.9435, 3.2528

Complementary

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



176.1480, -31.1320, 45.4742



164.8520, 31.1320, -45.4742

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.



171.1330, 38.3884, -39.5816



176.1480, -31.1320, 45.4742



138.7470, 36.6067, -121.6811

Square

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



176.1480, -31.1320, 45.4742



163.9350, -11.8000, -42.0390



154.6340, 41.5924, -87.3790



181.4280, 14.5790, 37.3356

Rectangle

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



176.1480, -31.1320, 45.4742



170.7590, -31.4332, 1.9654



154.6340, 41.5924, -87.3790



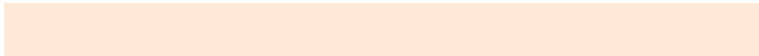
177.5280, 32.7707, -10.9871

Sweetspot

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



176.1480, -31.1320, 45.4742



237.7540, -10.2317, 15.1247



155.0230, 12.3137, 64.0008



117.1600, -5.9949, 9.5067



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.



176.1480, -31.1320, 45.4742



184.9730, -42.3847, 61.4137



209.0200, -47.3379, 16.6455



109.5230, -3.2158, 4.8033



98.1330, -48.3796, 70.9204



28.1630, -13.8844, 20.0280

Inverse Universe

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



164.8520, 31.1320, -45.4742



169.6140, 42.0953, -61.9285



131.9800, 47.3379, -16.6455



108.4770, 3.2158, -4.8033



80.2800, 48.6690, -70.4056



22.8370, 13.8844, -20.0280

Previews

White Background



This preview shows how the YUV color 176.1480, -31.1320, 45.4742 looks on a white background.

Color Contrast Check

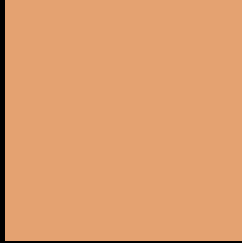
Large Text (above 18pt) WCAG AA × Fail

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 176.1480, -31.1320, 45.4742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

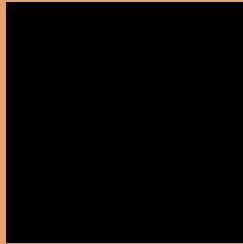
Any Text WCAG AA ✓ Pass

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 176.1480, -31.1320, 45.4742 Background



This preview shows how black text looks on a background with the YUV color 176.1480, -31.1320, 45.4742.



This preview shows how white text looks on a background with the YUV color 176.1480, -31.1320,

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

176.1480, -31.1320, 45.4742

Protanopia

174.5740, -27.3980, 14.4056

Deuteranopia

175.6580, -31.3834, 32.7489



Tritanopia

179.6900, -6.2562, 46.7529

Trichromacy



Original Color

176.1480, -31.1320, 45.4742

Protanomaly

175.2980, -28.7409, 25.1717

Deuteranomaly

175.3920, -31.2523, 37.3672

Tritanomaly

178.5730, -15.5655, 45.9785

Monochromacy



Original Color

176.1480, -31.1320, 45.4742

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1240, -11.4001, 16.5543

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1480, -31.1320, 45.4742 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(228, 162, 113)` looks like.

```
.text, #text, p{  
    color:rgb(228, 162, 113)  
}
```

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(228, 162, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 162, 113) }
```

Border

The CSS property to change the border of an element to YUV 176.1480, -31.1320, 45.4742 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(228, 162, 113) }
```


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

```
.border{ border-color:rgb(228, 162, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 162, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 162, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 162, 113);  
box-shadow:4px 4px 4px 4px rgb(228, 162,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 176.1480, -31.1320, 45.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 162, 113) }
```

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

```
.background{ background-color: rgb(228,  
162, 113) }
```

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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