

Converting Colors

YUV(187.3460, -21.3696,
40.9156)

Have a look what the booklet for
YUV(187.3460, -21.3696, 40.9156)
contains.

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Color

**YUV(187.3460, -21.3696,
40.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAC90
RGB	234, 172, 144
RGB Percent	92%, 67%, 56%
CMY	0.0824, 0.3255, 0.4353
CMYK	0.00, 0.26, 0.38, 0.08
HSL	19°, 68%, 74%
HSV	19°, 38%, 92%
XYZ	53.7182, 49.0111, 33.0144
YIQ	187.3460, 45.9400, 4.4360

Conversions

Conversions Part 2

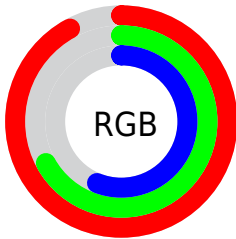
Format	Color
RYB	234, 185, 144
Decimal	15379600
CIELab	75.46, 19.18, 23.32
CIElCh	75, 30.196, 50.572
Yxy	49.0111, 0.3957, 0.3611
Android (android.graphics.Color)	4293569680 (0xFFEAC90)
YUV	187.3460, -21.3696, 40.9156
Hunter-Lab	70.0079, 14.4522, 21.0455

Details

The YUV color **187.3460, -21.3696, 40.9156** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **190.6540, 21.3696, -40.9156**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6530, -17.0839, 19.5983**, and **133.0790, -19.7589, 37.6417** is the 20% darker color. If you saturate the color by 10%, you get **175.3320, -26.7857, 51.4518**, and if you desaturate by 10%, it is **199.3600, -15.9535, 30.3793**.

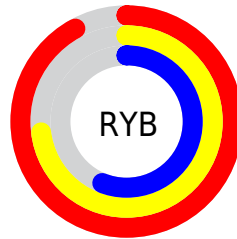
Distribution



Red (92%)

Green (67%)

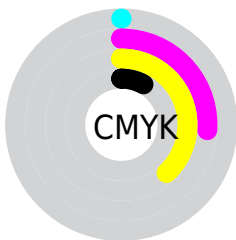
Blue (56%)



Red (92%)

Yellow (73%)

Blue (56%)

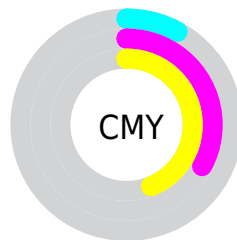


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (8%)



Cyan (8%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3460, -21.3696, 40.9156 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 187.3460, -21.3696, 40.9156 by changing the saturation by 10% instead.

187.3460,
-21.3696, 40.9156

187.3460,
-21.3696, 40.9156

255.0000, 0.0000,
0.0000

159.8620,
-20.6380, 39.5860

232.6530,
-17.0839, 19.5983

133.0790,
-19.7589, 37.6417

251.6940,
-12.6671, 2.8994

107.9970,
-18.7325, 35.0826

83.2140, -17.8535,
33.1383

59.2460, -16.3903,
30.4793

35.8930, -17.6952,
29.0348

15.5040, -7.6435,

24.9910

■ 0.0000, 0.0000,
0.0000

■ 187.3460,
-21.3696, 40.9156

■ 187.3460,
-21.3696, 40.9156

■ 175.3320,
-26.7857, 51.4518

■ 199.3600,
-15.9535, 30.3793

■ 163.2040,
-32.6386, 62.0881

■ 211.4880,
-10.1006, 19.7430

■ 151.1900,
-38.0547, 72.6244

■ 223.5020, -4.6845,
9.2067

■ 139.0620,
-43.9076, 83.2606

■ 235.6300, 1.1684,
-1.4295

■ 126.4610,
-49.0343, 94.3117

■ 247.5470, 3.6743,
-11.8807

■ 114.4470,
-54.4504, 104.8480

■ 248.7210, 3.0955,
-12.9103

■ 112.8170,
-55.6188, 106.2775

Harmonies

Analogous

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



188.9520, -10.3293, 46.5231



187.3460, -21.3696, 40.9156



185.1670, -26.7043, 25.2865

Triad

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



187.3460, -21.3696, 40.9156



174.8280, 0.5778, -45.4532



187.1880, 25.0503, -8.0579

Complementary

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



187.3460, -21.3696, 40.9156



190.6540, 21.3696, -40.9156

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.



180.7390, 29.2157, -37.4821



187.3460, -21.3696, 40.9156



171.4420, 16.0511, -61.7776

Square

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



187.3460, -21.3696, 40.9156



178.7850, -14.1910, -21.7364



173.9120, 26.6654, -59.5588



189.9590, 15.7962, 20.2070

Rectangle

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



187.3460, -21.3696, 40.9156



183.3070, -25.7874, 11.1318



173.9120, 26.6654, -59.5588



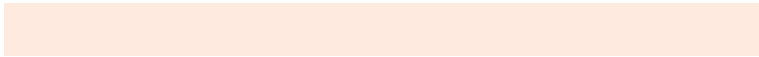
185.2900, 26.9720, -17.7943

Sweetspot

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



187.3460, -21.3696, 40.9156



239.1390, -7.4635, 13.9101



178.0920, 14.2516, 49.0313



118.3170, -4.1003, 8.4920



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.



187.3460, -21.3696, 40.9156



194.1150, -27.6647, 53.3961



213.1740, -34.1028, 18.2644



111.0500, -2.4896, 5.2182



86.9910, -42.8866, 82.4459



26.1250, -12.8796, 24.4464

Inverse Universe

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



190.6540, 21.3696, -40.9156



198.8850, 27.6647, -53.3961



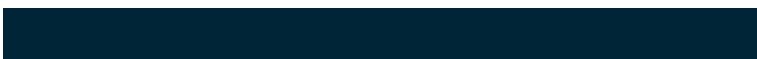
164.8260, 34.1028, -18.2644



111.9500, 2.4897, -5.2181



94.0090, 42.8866, -82.4459



27.8750, 12.8796, -24.4464

Previews

White Background



This preview shows how the YUV color 187.3460, -21.3696, 40.9156 looks on a white background.

Color Contrast Check

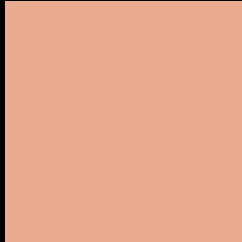
Large Text (above 18pt) WCAG AA × Fail

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 187.3460, -21.3696, 40.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

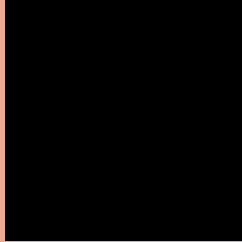
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.3460, -21.3696, 40.9156

Background



This preview shows how black text looks on a background with the YUV color 187.3460, -21.3696, 40.9156.



This preview shows how white text looks on a background with the YUV color 187.3460, -21.3696, 40.9156.

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

187.3460, -21.3696, 40.9156

Protanopia

185.1850, -17.3462, 10.3618

Deuteranopia

186.8560, -21.6210, 28.1903



Tritanopia

189.4120, -4.6401, 41.7347

Trichromacy



Original Color

187.3460, -21.3696, 40.9156

Protanomaly

185.9090, -18.6891, 21.1278

Deuteranomaly

186.5900, -21.4899, 32.8086

Tritanomaly

188.8050, -10.7499, 41.3900

Monochromacy



Original Color

187.3460, -21.3696, 40.9156

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.3240, -8.0477, 14.6249

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3460, -21.3696, 40.9156 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(234, 172, 144)` looks like.

```
.text, #text, p{  
    color:rgb(234, 172, 144)  
}
```

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(234, 172, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 172, 144) }
```

Border

The CSS property to change the border of an element to YUV 187.3460, -21.3696, 40.9156 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(234, 172, 144) }
```


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

```
.border{ border-color:rgb(234, 172, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 172, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 172, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 172, 144);  
box-shadow:4px 4px 4px 4px rgb(234, 172,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 187.3460, -21.3696, 40.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 172, 144) }
```

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

```
.background{ background-color: rgb(234,  
172, 144) }
```

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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