

Converting Colors

YUV(174.3340, -36.6467,
40.9261)

Have a look what the booklet for
YUV(174.3340, -36.6467, 40.9261)
contains.

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Color

**YUV(174.3340, -36.6467,
40.9261)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA564
RGB	221, 165, 100
RGB Percent	87%, 65%, 39%
CMY	0.1333, 0.3529, 0.6078
CMYK	0.00, 0.25, 0.55, 0.13
HSL	32°, 64%, 63%
HSV	32°, 55%, 87%
XYZ	45.5742, 43.2025, 17.9935
YIQ	174.3340, 54.2410, -8.3430

Conversions

Conversions Part 2

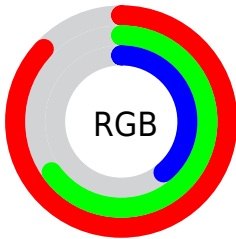
Format	Color
R_{YB}	204, 221, 100
Decimal	14525796
CIE _{Lab}	71.69, 13.36, 41.44
CIE _{LCh}	72, 43.543, 72.125
Yxy	43.2025, 0.4268, 0.4046
Android (android.graphics.Color)	4292715876 (0xFFDDA564)
YUV	174.3340, -36.6467, 40.9261
Hunter-Lab	65.7286, 8.7412, 29.7791

Details

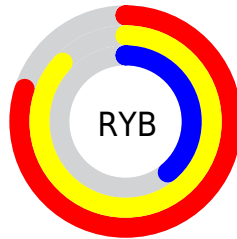
The YUV color **174.3340, -36.6467, 40.9261** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **146.6660, 36.6467, -40.9261**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7130, -34.8615, 28.3157**, and **120.8820, -34.4518, 36.9375** is the 20% darker color. If you saturate the color by 10%, you get **165.9560, -43.3623, 48.2736**, and if you desaturate by 10%, it is **182.7120, -29.9310, 33.5786**.

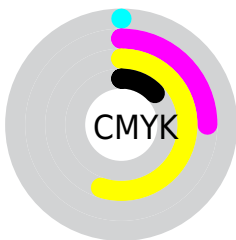
Distribution



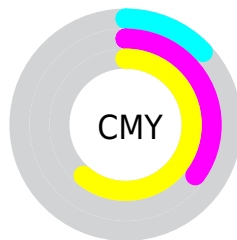
- Red (87%)
- Green (65%)
- Blue (39%)



- Red (80%)
- Yellow (87%)
- Blue (39%)



- Cyan (0%)
- Magenta (25%)
- Yellow (55%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3340, -36.6467, 40.9261 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 174.3340, -36.6467, 40.9261 by changing the saturation by 10% instead.

174.3340,
-36.6467, 40.9261

174.3340,
-36.6467, 40.9261

255.0000, 0.0000,
0.0000

147.5510,
-35.7676, 38.9818

222.7130,
-34.8615, 28.3157

120.8820,
-34.4518, 36.9375

242.8140,
-31.4603, 10.6871

95.5720, -34.2990,
34.5784

249.5280,
-20.9663, 4.7989

70.1480, -34.5830,
32.3192

252.8340, -8.2992,
1.8996

49.1610, -24.2364,
27.0458

29.6470, -14.6160,
21.3576

9.2690, -4.5696,

19.0581

■ 0.0000, 0.0000,
0.0000

■ 174.3340,
-36.6467, 40.9261

■ 174.3340,
-36.6467, 40.9261

■ 165.9560,
-43.3623, 48.2736

■ 182.7120,
-29.9310, 33.5786

■ 157.5780,
-50.0780, 55.6211

■ 191.0900,
-23.2154, 26.2311

■ 148.6130,
-56.5042, 63.4834

■ 200.0550,
-16.7891, 18.3688

■ 140.2350,
-63.2199, 70.8309

■ 208.4330,
-10.0735, 11.0213

■ 135.9320,
-67.0145, 74.6046

■ 216.9250, -2.9210,
3.5738

■ 225.3030, 3.7946,
-3.7737

■ 234.2680, 10.2209,
-11.6360

■ 240.1380, 7.3270,
-16.7840

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



176.6150, -25.9392, 59.9736



174.3340, -36.6467, 40.9261



170.7450, -36.8493, 12.5016

Triad

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



174.3340, -36.6467, 40.9261



137.4130, 26.4184, -120.5112



179.9230, 27.1530, 17.6075

Complementary

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



174.3340, -36.6467, 40.9261



146.6660, 36.6467, -40.9261

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.



173.4380, 39.2241, -27.5711



174.3340, -36.6467, 40.9261



139.8700, 43.4481, -122.6660

Square

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



174.3340, -36.6467, 40.9261



157.8770, -3.8834, -61.2821



155.7360, 46.9652, -83.9605



180.3650, 10.1731, 50.5459

Rectangle

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



174.3340, -36.6467, 40.9261



168.3230, -30.2322, -9.9303



155.7360, 46.9652, -83.9605



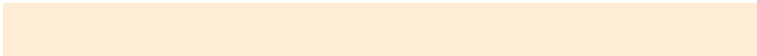
178.6870, 31.7063, 3.7825

Sweetspot

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



174.3340, -36.6467, 40.9261



239.1730, -12.4103, 13.8803



142.5630, 6.6244, 68.7892



118.1060, -7.4473, 8.6770



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.



174.3340, -36.6467, 40.9261



190.0620, -50.8096, 56.9506



206.0100, -52.2629, 9.6382



105.8110, -3.3578, 3.6738



106.3180, -52.4148, 58.4801



28.4290, -14.0155, 15.4098

Inverse Universe

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



146.6660, 36.6467, -40.9261



151.9380, 50.8096, -56.9506



114.9900, 52.2629, -9.6382



103.1890, 3.3578, -3.6738



66.6820, 52.4148, -58.4801



17.5710, 14.0155, -15.4098

Previews

White Background



This preview shows how the YUV color 174.3340, -36.6467, 40.9261 looks on a white background.

Color Contrast Check

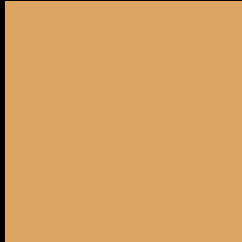
Large Text (above 18pt) WCAG AA × Fail

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 174.3340, -36.6467, 40.9261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

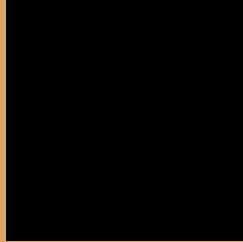
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.3340, -36.6467, 40.9261

Background



This preview shows how black text looks on a background with the YUV color 174.3340, -36.6467, 40.9261.



This preview shows how white text looks on a background with the YUV color 174.3340, -36.6467,

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

174.3340, -36.6467, 40.9261

Protanopia

172.8750, -33.9554, 17.6496

Deuteranopia

174.1870, -37.0672, 35.7930



Tritanopia

179.2980, -5.0769, 41.8347

Trichromacy



Original Color

174.3340, -36.6467, 40.9261

Protanomaly

173.4030, -34.7087, 25.9566

Deuteranomaly

174.1980, -37.0726, 37.5374

Tritanomaly

177.6110, -16.5702, 41.5602

Monochromacy



Original Color

174.3340, -36.6467, 40.9261

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2440, -13.4313, 14.6950

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3340, -36.6467, 40.9261 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(221, 165, 100)` looks like.

```
.text, #text, p{  
    color:rgb(221, 165, 100)  
}
```

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(221, 165, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 165, 100) }
```

Border

The CSS property to change the border of an element to YUV 174.3340, -36.6467, 40.9261 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(221, 165, 100) }
```


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

```
.border{ border-color:rgb(221, 165, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 165, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 165, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 165, 100);  
box-shadow:4px 4px 4px 4px rgb(221, 165,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 174.3340, -36.6467, 40.9261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 165, 100) }
```

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

```
.background{ background-color: rgb(221,  
165, 100) }
```

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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