

Converting Colors

YUV(180.8280, -35.9042,
36.1078)

Have a look what the booklet for
YUV(180.8280, -35.9042, 36.1078)
contains.

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Color

**YUV(180.8280, -35.9042,
36.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	DEAE6C
RGB	222, 174, 108
RGB Percent	87%, 68%, 42%
CMY	0.1294, 0.3176, 0.5765
CMYK	0.00, 0.22, 0.51, 0.13
HSL	35°, 63%, 65%
HSV	35°, 51%, 87%
XYZ	47.9670, 46.8844, 20.7088
YIQ	180.8280, 49.7940, -10.3500

Conversions

Conversions Part 2

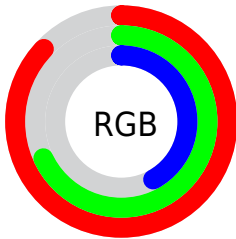
Format	Color
R_{YB}	191, 222, 108
Decimal	14593644
CIE _{Lab}	74.12, 9.65, 40.36
CIE _{LCh}	74, 41.493, 76.550
Yxy	46.8844, 0.4151, 0.4057
Android (android.graphics.Color)	4292783724 (0xFFDEAE6C)
YUV	180.8280, -35.9042, 36.1078
Hunter-Lab	68.4722, 5.2188, 29.9988

Details

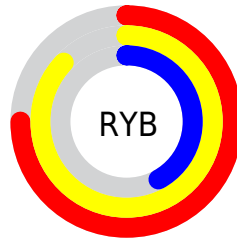
The YUV color **180.8280, -35.9042, 36.1078** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.1720, 35.9042, -36.1078**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0220, -33.5348, 22.7827**, and **127.2620, -34.1462, 32.2192** is the 20% darker color. If you saturate the color by 10%, you get **173.0370, -42.9092, 42.9406**, and if you desaturate by 10%, it is **188.6190, -28.8992, 29.2751**.

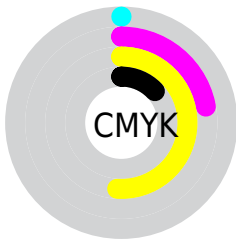
Distribution



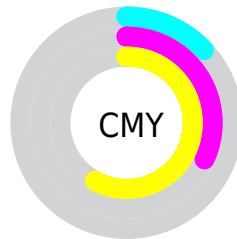
- Red (87%)
- Green (68%)
- Blue (42%)



- Red (75%)
- Yellow (87%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (51%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8280, -35.9042, 36.1078 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 180.8280, -35.9042, 36.1078 by changing the saturation by 10% instead.

180.8280,
-35.9042, 36.1078

180.8280,
-35.9042, 36.1078

255.0000, 0.0000,
0.0000

153.4580,
-34.7358, 34.6783

229.0220,
-33.5348, 22.7827

127.2620,
-34.1462, 32.2192

247.3620,
-29.2655, 6.6985

101.4790,
-33.2671, 30.2749

250.5540,
-17.0351, 3.8991

76.3540, -33.6985,
28.6305

253.8600, -4.3680,
0.9998

54.7540, -26.9937,
24.7717

34.3540, -16.9365,
18.9835

13.6770, -6.7428,

16.0693

■ 0.0000, 0.0000,
0.0000

■ 180.8280,
-35.9042, 36.1078

■ 180.8280,
-35.9042, 36.1078

■ 173.0370,
-42.9092, 42.9406

■ 188.6190,
-28.8992, 29.2751

■ 164.6590,
-49.6249, 50.2881

■ 196.9970,
-22.1835, 21.9276

■ 156.7540,
-57.0667, 57.2207

■ 204.9020,
-14.7417, 14.9949

■ 148.9630,
-64.0718, 64.0534

■ 212.6930, -7.7366,
8.1622

■ 142.1010,
-70.0558, 70.0714

■ 221.0710, -1.0210,
0.8147

■ 228.8620, 5.9840,
-6.0180

■ 235.7410, 9.4947,
-12.0509

■ 241.6110, 6.6008,
-17.1988

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



183.0660, -26.6545, 56.0701



180.8280, -35.9042, 36.1078



177.6950, -34.3596, 7.2835

Triad

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



180.8280, -35.9042, 36.1078



147.3970, 27.4123, -112.6042



187.3320, 23.5003, 22.5108

Complementary

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



180.8280, -35.9042, 36.1078



149.1720, 35.9042, -36.1078

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.



182.2820, 35.8500, -18.6643



180.8280, -35.9042, 36.1078



143.7170, 45.4955, -126.0398

Square

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



180.8280, -35.9042, 36.1078



164.3760, -0.6784, -62.5968



168.9940, 42.4010, -66.6467



186.5670, 7.1155, 51.2457

Rectangle

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



180.8280, -35.9042, 36.1078



174.2130, -26.7270, -14.2188



168.9940, 42.4010, -66.6467



185.9220, 28.6325, 9.7154

Sweetspot

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



180.8280, -35.9042, 36.1078



241.2760, -11.9681, 12.0359



147.6720, 4.5987, 65.1857



119.5080, -7.1524, 7.4475



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.



180.8280, -35.9042, 36.1078



197.6590, -49.6249, 50.2881



206.6120, -48.6157, 6.4793



107.8110, -3.3578, 3.6738



112.4980, -55.4615, 55.6913



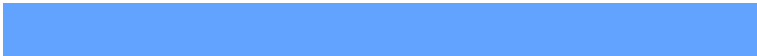
30.7880, -15.1785, 15.0949

Inverse Universe

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



149.1720, 35.9042, -36.1078



153.7540, 49.9143, -49.7733



123.3880, 48.6157, -6.4793



105.1890, 3.3578, -3.6738



63.5020, 55.4615, -55.6913



17.2120, 15.1785, -15.0949

Previews

White Background



This preview shows how the YUV color 180.8280, -35.9042, 36.1078 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 180.8280, -35.9042, 36.1078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

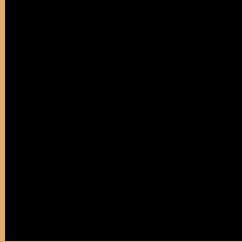
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.8280, -35.9042, 36.1078

Background



This preview shows how black text looks on a background with the YUV color 180.8280, -35.9042, 36.1078.



This preview shows how white text looks on a background with the YUV color 180.8280, -35.9042, 36.1078.

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

180.8280, -35.9042, 36.1078

Protanopia

179.5760, -33.8080, 17.0348

Deuteranopia

180.8280, -35.9042, 36.1078



Tritanopia

185.3190, -3.6083, 37.4312

Trichromacy



Original Color

180.8280, -35.9042, 36.1078

Protanomaly

180.0930, -34.5558, 23.5974

Deuteranomaly

180.8280, -35.9042, 36.1078

Tritanomaly

183.6320, -15.1016, 37.1567

Monochromacy



Original Color

180.8280, -35.9042, 36.1078

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.6460, -13.1365, 13.4655

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8280, -35.9042, 36.1078 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(222, 174, 108)` looks like.

```
.text, #text, p{  
    color:rgb(222, 174, 108)  
}
```

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(222, 174, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 174, 108) }
```

Border

The CSS property to change the border of an element to YUV 180.8280, -35.9042, 36.1078 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(222, 174, 108) }
```


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

```
.border{ border-color:rgb(222, 174, 108) }
```

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

Here you see how a box with a 4 pixel rgb(222, 174, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 174, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 174, 108);  
box-shadow:4px 4px 4px 4px rgb(222, 174,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 180.8280, -35.9042, 36.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 174, 108) }
```

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

```
.background{ background-color: rgb(222,  
174, 108) }
```

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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