

Converting Colors

YUV(178.0350, -36.4993,
40.3113)

Have a look what the booklet for
YUV(178.0350, -36.4993, 40.3113)
contains.

YUV(178.0350, -36.4993, 40.3113) 3
 ***Conversions** 4*
 ***Details** 6*
 ***Harmonies** 12*
 ***Previews** 24*
 ***Color Blindness Simulation** 28*
 ***CSS Examples** 31*

Color

**YUV(178.0350, -36.4993,
40.3113)**

Conversions

Conversions Part 1	
Format	Color
Hex	E0A968
RGB	224, 169, 104
RGB Percent	88%, 66%, 41%
CMY	0.1216, 0.3373, 0.5922
CMYK	0.00, 0.25, 0.54, 0.12
HSL	32°, 66%, 64%
HSV	32°, 54%, 88%
XYZ	47.4271, 45.2227, 19.3259
YIQ	178.0350, 53.6450, -8.5550

Conversions

Conversions Part 2

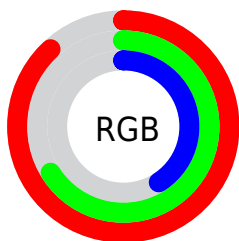
Format	Color
RYB	206, 224, 104
Decimal	14723432
CIELab	73.04, 12.80, 41.12
CIELCh	73, 43.062, 72.713
Yxy	45.2227, 0.4235, 0.4039
Android (android.graphics.Color)	4292913512 (0xFFE0A968)
YUV	178.0350, -36.4993, 40.3113
Hunter-Lab	67.2478, 8.2050, 30.0345

Details

The YUV color **178.0350, -36.4993, 40.3113** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.9650, 36.4993, -40.3113**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5170, -34.2719, 25.8566**, and **124.5830, -34.3044, 36.3227** is the 20% darker color. If you saturate the color by 10%, you get **169.6570, -43.2149, 47.6588**, and if you desaturate by 10%, it is **186.4130, -29.7836, 32.9638**.

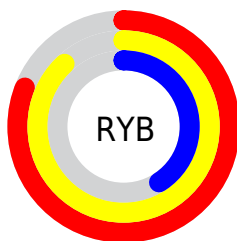
Distribution



Red (88%)

Green (66%)

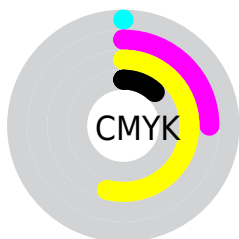
Blue (41%)



Red (81%)

Yellow (88%)

Blue (41%)

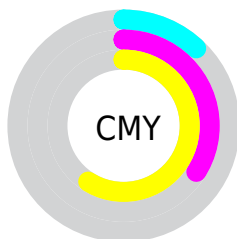


Cyan (0%)

Magenta (25%)

Yellow (54%)

Black (12%)



Cyan (12%)

Magenta (34%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.0350, -36.4993, 40.3113 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 178.0350, -36.4993, 40.3113 by changing the saturation by 10% instead.

 178.0350,
-36.4993, 40.3113

 178.0350,
-36.4993, 40.3113


255.0000, 0.0000,
0.0000

 151.2520,
-35.6202, 38.3670


 225.5170,
-34.2719, 25.8566

 124.5830,
-34.3044, 36.3227


 245.7320,
-30.4339, 8.1280


 98.6860, -33.8622,
34.4784

 250.0980,
-18.7823, 4.2991

 73.8490, -34.4356,
31.7044

 253.2900, -6.5520,
1.4997

 52.1180, -25.6942,
27.9605

 32.3050, -15.9264,
21.6575

 10.4540, -5.1538,

19.7728

0.0000, 0.0000,
0.0000

178.0350,
-36.4993, 40.3113

178.0350,
-36.4993, 40.3113

169.6570,
-43.2149, 47.6588

186.4130,
-29.7836, 32.9638

160.5780,
-50.0780, 55.6211

195.4920,
-22.9206, 25.0015

152.2000,
-56.7936, 62.9686


203.8700,
-16.2049, 17.6540


143.7080,
-63.9460, 70.4161

212.3620, -9.0525,
10.2065


138.0030,
-68.0355, 75.4194

220.7400, -2.3368,
2.8590

 229.7050, 4.0894,
-5.0033

 237.5130, 8.6211,
-11.8509

 243.3830, 5.7272,
-16.9989

 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



180.3160, -25.7918, 59.3589



178.0350, -36.4993, 40.3113



174.5600, -36.2651, 11.7869

Triad

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



178.0350, -36.4993, 40.3113



139.6300, 27.2974, -122.4555



183.9940, 26.1320, 18.4223

Complementary

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



178.0350, -36.4993, 40.3113



149.9650, 36.4993, -40.3113

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.



177.8080, 38.0557, -26.1416



178.0350, -36.4993, 40.3113



142.0870, 44.3271, -124.6103

Square

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



178.0350, -36.4993, 40.3113



161.4040, -3.1572, -60.8673



161.7150, 45.4965, -79.5571



183.9520, 9.8837, 50.0311

Rectangle

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



178.0350, -36.4993, 40.3113



172.0240, -30.0848, -10.5450



161.7150, 45.4965, -79.5571



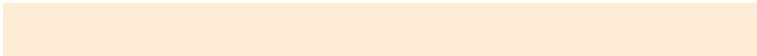
182.8720, 31.1221, 4.4973

Sweetspot

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



178.0350, -36.4993, 40.3113



239.1730, -12.4103, 13.8803



146.2640, 6.7718, 68.1745



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.



178.0350, -36.4993, 40.3113



192.3930, -49.4937, 54.9063



209.1240, -51.8261, 9.5383



107.8110, -3.3578, 3.6738



108.3890, -53.4358, 59.2948



29.6140, -14.5997, 16.1245

Inverse Universe

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



149.9650, 36.4993, -40.3113



154.6070, 49.4937, -54.9063



118.8760, 51.8261, -9.5383



105.1890, 3.3578, -3.6738



67.6110, 53.4358, -59.2948



18.3860, 14.5997, -16.1245

Previews

White Background



This preview shows how the YUV color 178.0350, -36.4993, 40.3113 looks on a white background.

Color Contrast Check

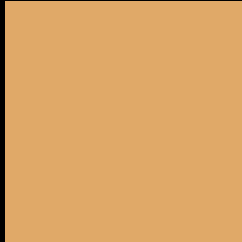
Large Text (above 18pt) WCAG AA × Fail

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 178.0350, -36.4993, 40.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

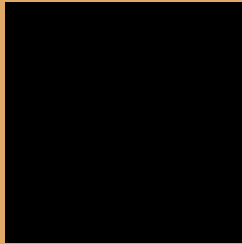
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.0350, -36.4993, 40.3113

Background



This preview shows how black text looks on a background with the YUV color 178.0350, -36.4993, 40.3113.

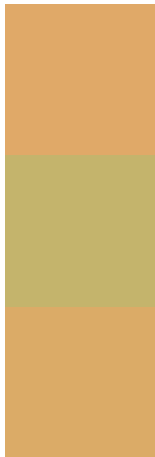


This preview shows how white text looks on a background with the YUV color 178.0350, -36.4993,

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

178.0350, -36.4993, 40.3113

Protanopia

176.5760, -33.8080, 17.0348

Deuteranopia

177.6000, -36.7778, 36.3078




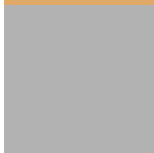

Tritanopia

182.9990, -4.9295, 41.2199

Trichromacy

	Original Color 178.0350, -36.4993, 40.3113
	Protanomaly 177.1040, -34.5613, 25.3418
	Deuteranomaly 177.6110, -36.7832, 38.0522
	Tritanomaly 181.3120, -16.4228, 40.9454

Monochromacy

	Original Color 178.0350, -36.4993, 40.3113
	Achromatopsia 178.0000, 0.0000, 0.0000
	Achromatomaly 178.2440, -13.4313, 14.6950

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0350, -36.4993, 40.3113 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(224, 169, 104)` looks like.

```
.text, #text, p{  
    color:rgb(224, 169, 104)  
}
```

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(224, 169, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 169, 104) }
```

Border

The CSS property to change the border of an element to YUV 178.0350, -36.4993, 40.3113 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(224, 169, 104) }
```


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

```
.border{ border-color:rgb(224, 169, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 169, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 169, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 169, 104);  
box-shadow:4px 4px 4px 4px rgb(224, 169,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 178.0350, -36.4993, 40.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 169, 104) }
```

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

```
.background{ background-color: rgb(224,  
169, 104) }
```

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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