

Converting Colors

YUV(174.4910, -54.9651,
36.4034)

Have a look what the booklet for
YUV(174.4910, -54.9651, 36.4034)
contains.

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Color

**YUV(174.4910, -54.9651,
36.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	D8AF3F
RGB	216, 175, 63
RGB Percent	85%, 69%, 25%
CMY	0.1529, 0.3137, 0.7529
CMYK	0.00, 0.19, 0.71, 0.15
HSL	44°, 66%, 55%
HSV	44°, 71%, 85%
XYZ	44.5461, 45.6178, 11.1599
YIQ	174.4910, 60.3880, -26.1400

Conversions

Conversions Part 2

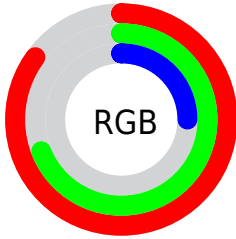
Format	Color
RYB	119, 216, 63
Decimal	14200639
CIELab	73.30, 3.48, 60.36
CIELCh	73, 60.463, 86.698
Yxy	45.6178, 0.4396, 0.4502
Android (android.graphics.Color)	4292390719 (0xFFD8AF3F)
YUV	174.4910, -54.9651, 36.4034
Hunter-Lab	67.5409, -0.4683, 37.4821

Details

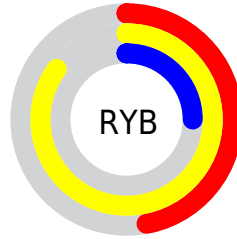
The YUV color **174.4910, -54.9651, 36.4034** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **104.5090, 54.9651, -36.4034**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5930, -53.0433, 26.6669**, and **119.1440, -58.7380, 33.1997** is the 20% darker color. If you saturate the color by 10%, you get **168.4610, -62.8383, 41.6917**, and if you desaturate by 10%, it is **180.5210, -47.0919, 31.1151**.

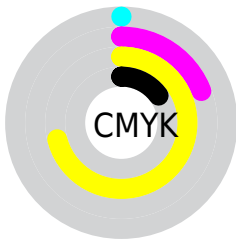
Distribution



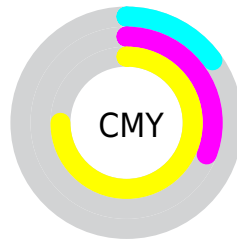
- Red (85%)
- Green (69%)
- Blue (25%)



- Red (47%)
- Yellow (85%)
- Blue (25%)



- Cyan (0%)
- Magenta (19%)
- Yellow (71%)
- Black (15%)



- Cyan (15%)
- Magenta (31%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4910, -54.9651, 36.4034 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 174.4910, -54.9651, 36.4034 by changing the saturation by 10% instead.

■ 174.4910,
-54.9651, 36.4034

■ 174.4910,
-54.9651, 36.4034

■ 255.0000, 0.0000,
0.0000

■ 146.9530,
-55.6858, 34.2442

■ 224.5930,
-53.0433, 26.6669

■ 119.1440,
-58.7380, 33.1997

■ 242.3460,
-48.4846, 11.0976

■ 96.0970, -47.3758,
28.8559

■ 245.5380,
-36.2542, 8.2982

■ 74.2240, -36.5924,
23.4826

■ 248.7300,
-24.0239, 5.4988

■ 52.3510, -25.8090,
18.1092

■ 252.0360,
-11.3567, 2.5994

■ 33.1360, -16.3360,
13.0357

■ 12.1600, -5.9949,

9.5067

■ 0.0000, 0.0000,
0.0000

■ 174.4910,
-54.9651, 36.4034

■ 174.4910,
-54.9651, 36.4034

■ 168.4610,
-62.8383, 41.6917

■ 180.5210,
-47.0919, 31.1151

■ 162.5450,
-70.2747, 46.8800

■ 186.4370,
-39.6554, 25.9268

■ 157.3300,
-77.5637, 51.4536

■ 191.8800,
-31.4928, 21.1532

■ 197.7960,
-24.0564, 15.9649

■ 203.8260,
-16.1832, 10.6766

■ 209.8560, -8.3100,
5.3883

■ 215.7720, -0.8736,
0.2000

■ 221.2150, 7.2890,
-4.5736

■ 226.9030, 13.8518,
-9.5619

Harmonies

Analogous

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



176.6750, -43.7168, 68.6910



174.4910, -54.9651, 36.4034



169.6920, -46.6832, -6.7459

Triad

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



174.4910, -54.9651, 36.4034



147.5010, 39.6860, -129.3584



185.0610, 28.0709, 49.9355

Complementary

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



174.4910, -54.9651, 36.4034



104.5090, 54.9651, -36.4034

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.



179.1140, 37.4118, -6.2390



174.4910, -54.9651, 36.4034



147.0570, 53.2159, -128.9690

Square

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



174.4910, -54.9651, 36.4034



141.1170, 15.2253, -123.7596



139.4260, 56.9780, -122.2766



174.5740, 6.6190, 70.5336

Rectangle

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



174.4910, -54.9651, 36.4034



163.1960, -31.1556, -40.5139



139.4260, 56.9780, -122.2766



185.5580, 34.2349, 32.8366

Sweetspot

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



174.4910, -54.9651, 36.4034



240.6260, -19.5356, 12.6060



113.6490, -3.7710, 89.7618



119.0690, -11.3730, 7.8325



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.



174.4910, -54.9651, 36.4034



196.2160, -78.0005, 51.5536



188.6910, -61.9657, -4.9910



103.9850, -3.9366, 2.6442



124.5040, -61.3805, 40.7770



31.6410, -15.5990, 9.9618

Inverse Universe

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



104.5090, 54.9651, -36.4034



96.7840, 78.0005, -51.5536



90.3090, 61.9657, 4.9910



99.0150, 3.9366, -2.6442



46.4960, 61.3805, -40.7770



11.9460, 15.3096, -10.4766

Previews

White Background



This preview shows how the YUV color 174.4910, -54.9651, 36.4034 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 174.4910, -54.9651, 36.4034 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 174.4910, -54.9651, 36.4034

Background



This preview shows how black text looks on a background with the YUV color 174.4910, -54.9651, 36.4034.



This preview shows how white text looks on a background with the YUV color 174.4910, -54.9651, 36.4034.

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

174.4910, -54.9651, 36.4034

Protanopia

173.7560, -53.6167, 23.8930

Deuteranopia

174.9480, -54.6974, 43.8956



Tritanopia

183.3080, -3.6028, 35.6869

Trichromacy



Original Color

174.4910, -54.9651, 36.4034

Protanomaly

173.9630, -54.2118, 28.0964

Deuteranomaly

174.6380, -54.5445, 41.5365

Tritanomaly

180.0850, -22.2269, 35.8825

Monochromacy



Original Color

174.4910, -54.9651, 36.4034

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9250, -19.6830, 13.2208

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4910, -54.9651, 36.4034 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(216, 175, 63)` looks like.

```
.text, #text, p{  
    color:rgb(216, 175, 63)  
}
```

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(216, 175, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 175, 63) }
```

Border

The CSS property to change the border of an element to YUV 174.4910, -54.9651, 36.4034 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(216, 175, 63) }
```


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

```
.border{ border-color:rgb(216, 175, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 175, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 175, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 175, 63);  
box-shadow:4px 4px 4px 4px rgb(216, 175,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 174.4910, -54.9651, 36.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 175, 63) }
```

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

```
.background{ background-color: rgb(216,  
175, 63) }
```

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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