

Converting Colors

YUV(150.9110, -34.9591,
59.7141)

Have a look what the booklet for
YUV(150.9110, -34.9591, 59.7141)
contains.

YUV(150.9110, -34.9591, 59.7141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.9110, -34.9591,
59.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8250
RGB	219, 130, 80
RGB Percent	86%, 51%, 31%
CMY	0.1412, 0.4902, 0.6863
CMYK	0.00, 0.41, 0.63, 0.14
HSL	22°, 66%, 59%
HSV	22°, 63%, 86%
XYZ	38.6440, 31.6045, 11.6529
YIQ	150.9110, 69.0940, 3.3180

Conversions

Conversions Part 2

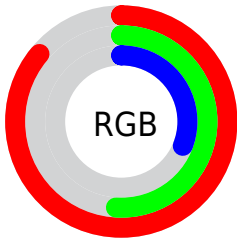
Format	Color
R _Y B	219, 158, 80
Decimal	14385744
CIE Lab	63.01, 29.83, 41.28
CIE LCh	63, 50.928, 54.144
Yxy	31.6045, 0.4718, 0.3859
Android (android.graphics.Color)	4292575824 (0xFFDB8250)
YUV	150.9110, -34.9591, 59.7141
Hunter-Lab	56.2179, 24.3191, 27.0628

Details

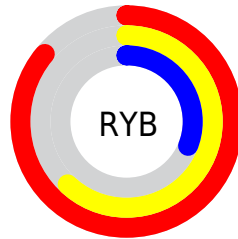
The YUV color **150.9110, -34.9591, 59.7141** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **148.0890, 34.9591, -59.7141**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1870, -33.6162, 48.9480**, and **97.5620, -32.3221, 53.8811** is the 20% darker color. If you saturate the color by 10%, you get **140.1850, -40.5172, 69.1208**, and if you desaturate by 10%, it is **161.6370, -29.4010, 50.3074**.

Distribution



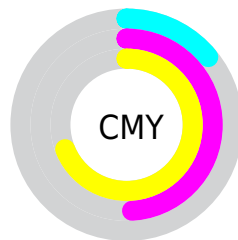
- Red (86%)
- Green (51%)
- Blue (31%)



- Red (86%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (63%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9110, -34.9591, 59.7141 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 150.9110, -34.9591, 59.7141 by changing the saturation by 10% instead.

150.9110,
-34.9591, 59.7141

150.9110,
-34.9591, 59.7141

255.0000, 0.0000,
0.0000

123.9430,
-33.4959, 57.0550

199.1870,
-33.6162, 48.9480

97.5620, -32.3221,
53.8811

218.5870,
-30.3624, 31.9342

71.9530, -32.0218,
50.9072

238.1010,
-26.6718, 14.8204

49.2820, -24.2960,
46.2337

250.0980,
-18.7823, 4.2991

25.9360, -12.7864,
41.2751

253.4040, -6.1152,
1.3997

14.3520, -7.0755,
29.5093

0.0000, 0.0000,

0.0000

■ 150.9110,
-34.9591, 59.7141

■ 150.9110,
-34.9591, 59.7141

■ 140.1850,
-40.5172, 69.1208

■ 161.6370,
-29.4010, 50.3074

■ 129.4590,
-46.0753, 78.5275

■ 172.3630,
-23.8430, 40.9006

■ 118.7330,
-51.6334, 87.9342

■ 183.0890,
-18.2849, 31.4939

■ 111.8540,
-55.1440, 93.9670

■ 193.8150,
-12.7268, 22.0872

■ 204.4270, -7.6055,
12.7805

■ 215.1530, -2.0474,
3.3738

■ 225.8790, 3.5107,
-6.0329

■ 236.6050, 9.0687,
-15.4396

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



152.1080, -16.8152, 73.5733



150.9110, -34.9591, 59.7141



148.6290, -44.1871, 32.7744

Triad

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



150.9110, -34.9591, 59.7141



118.9130, 11.3819, -104.2867



153.1780, 40.3382, -11.5571

Complementary

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



150.9110, -34.9591, 59.7141



148.0890, 34.9591, -59.7141

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.



122.1060, 59.1077, -105.3330



150.9110, -34.9591, 59.7141



124.1570, 31.4746, -108.8857

Square

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



150.9110, -34.9591, 59.7141



136.5620, -19.5041, -44.3429



125.4400, 49.0831, -110.0109



157.2460, 24.0357, 37.4953

Rectangle

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



150.9110, -34.9591, 59.7141



146.2410, -42.5168, 10.3126



125.4400, 49.0831, -110.0109



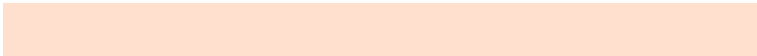
149.1970, 44.7659, -31.7448

Sweetspot

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



150.9110, -34.9591, 59.7141



231.3310, -11.9952, 20.7577



131.8210, 18.8222, 76.4560



113.4270, -7.6055, 12.7805



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.



150.9110, -34.9591, 59.7141



160.0960, -48.8543, 83.2308



190.8270, -54.6377, 24.7077



104.6370, -2.7790, 4.7034



88.1210, -43.4437, 74.4389



23.7330, -11.7004, 19.5282

Inverse Universe

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



148.0890, 34.9591, -59.7141



155.9040, 48.8543, -83.2308



108.1730, 54.6377, -24.7077



104.3630, 2.7790, -4.7034



84.8790, 43.4437, -74.4389



22.2670, 11.7004, -19.5282

Previews

White Background



This preview shows how the YUV color 150.9110, -34.9591, 59.7141 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 150.9110, -34.9591, 59.7141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

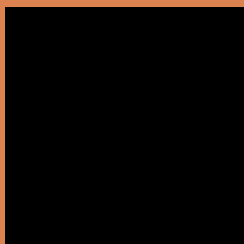
Any Text WCAG AA ✓ Pass

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 150.9110, -34.9591, 59.7141 Background



This preview shows how black text looks on a background with the YUV color 150.9110, -34.9591, 59.7141.



This preview shows how white text looks on a background with the YUV color 150.9110, -34.9591, 59.7141.

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

150.9110, -34.9591, 59.7141

Protanopia

150.0750, -30.6030, 15.7202

Deuteranopia

150.6920, -36.3302, 32.7191



Tritanopia

154.3280, -10.5147, 59.3483

Trichromacy



Original Color

150.9110, -34.9591, 59.7141

Protanomaly

150.7180, -32.3990, 31.8193

Deuteranomaly

150.5730, -35.7785, 42.4705

Tritanomaly

153.0370, -19.2452, 59.6036

Monochromacy



Original Color

150.9110, -34.9591, 59.7141

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8150, -12.7268, 22.0872

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9110, -34.9591, 59.7141 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(219, 130, 80)` looks like.

```
.text, #text, p{  
    color:rgb(219, 130, 80)  
}
```

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(219, 130, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 130, 80) }
```

Border

The CSS property to change the border of an element to YUV 150.9110, -34.9591, 59.7141 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(219, 130, 80) }
```


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

```
.border{ border-color:rgb(219, 130, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 130, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 130, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 130, 80);  
box-shadow:4px 4px 4px 4px rgb(219, 130,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 150.9110, -34.9591, 59.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 130, 80) }
```

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

```
.background{ background-color: rgb(219,  
130, 80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor