

Converting Colors

YUV(164.7350, -27.9704,
58.1144)

Have a look what the booklet for
YUV(164.7350, -27.9704, 58.1144)
contains.

YUV(164.7350, -27.9704, 58.1144)	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(164.7350, -27.9704,
58.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	E78E6C
RGB	231, 142, 108
RGB Percent	91%, 56%, 42%
CMY	0.0941, 0.4431, 0.5765
CMYK	0.00, 0.39, 0.53, 0.09
HSL	17°, 72%, 66%
HSV	17°, 53%, 91%
XYZ	45.3348, 37.4176, 19.0203
YIQ	164.7350, 63.9580, 8.2940

Conversions

Conversions Part 2

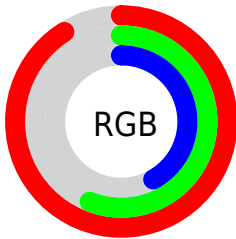
Format	Color
R _Y B	231, 155, 108
Decimal	15175276
CIE Lab	67.59, 30.36, 32.32
CIE LCh	68, 44.344, 46.785
Yxy	37.4176, 0.4455, 0.3677
Android (android.graphics.Color)	4293365356 (0xFFE78E6C)
YUV	164.7350, -27.9704, 58.1144
Hunter-Lab	61.1700, 25.2439, 24.3832

Details

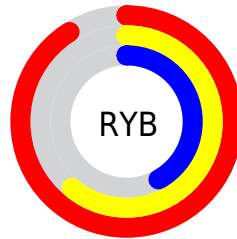
The YUV color **164.7350, -27.9704, 58.1144** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **174.2650, 27.9704, -58.1144**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5370, -24.4217, 39.8711**, and **111.6850, -25.4807, 52.8963** is the 20% darker color. If you saturate the color by 10%, you get **152.1340, -33.0971, 69.1655**, and if you desaturate by 10%, it is **177.3360, -22.8436, 47.0633**.

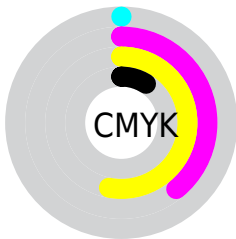
Distribution



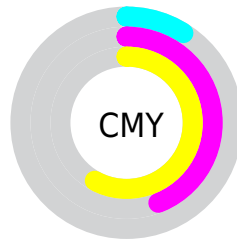
- Red (91%)
- Green (56%)
- Blue (42%)



- Red (91%)
- Yellow (61%)
- Blue (42%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)
- Black (9%)



- Cyan (9%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7350, -27.9704, 58.1144 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 164.7350, -27.9704, 58.1144 by changing the saturation by 10% instead.

164.7350,
-27.9704, 58.1144

164.7350,
-27.9704, 58.1144

255.0000, 0.0000,
0.0000

137.6530,
-26.9439, 55.5553

209.5370,
-24.4217, 39.8711

111.6850,
-25.4807, 52.8963

229.6380,
-21.0205, 22.2425

85.7170, -24.0175,
50.2372

249.8530,
-17.1825, 4.5139

60.4500, -22.4068,
46.9634

253.6320, -5.2416,
1.1997

36.5790, -18.0334,
44.2192

17.6410, -8.6970,
36.2718

10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 164.7350,
-27.9704, 58.1144

■ 164.7350,
-27.9704, 58.1144

■ 152.1340,
-33.0971, 69.1655

■ 177.3360,
-22.8436, 47.0633

■ 140.1200,
-38.5132, 79.7018

■ 189.3500,
-17.4275, 36.5271

■ 127.5190,
-43.6399, 90.7528

■ 201.9510,
-12.3008, 25.4760

■ 114.9180,
-48.7666, 101.8039

■ 214.5520, -7.1741,
14.4249

■ 106.6370,
-52.5720, 109.0664

■ 227.2670, -1.6106,
3.2738

■ 239.2810, 3.8055,
-7.2624

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



166.5460, -11.1152, 65.2962



164.7350, -27.9704, 58.1144



162.6710, -37.7988, 37.1225

Triad

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



164.7350, -27.9704, 58.1144



143.0760, 0.9485, -71.1037



163.8410, 38.0394, -20.9086

Complementary

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



164.7350, -27.9704, 58.1144



174.2650, 27.9704, -58.1144

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.



145.8720, 47.3911, -80.5717



164.7350, -27.9704, 58.1144



129.7990, 27.7071, -113.8337

Square

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



164.7350, -27.9704, 58.1144



153.8630, -22.6105, -27.9439



132.1420, 44.3000, -115.8885



169.6850, 24.8053, 23.9553

Rectangle

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



164.7350, -27.9704, 58.1144



160.4360, -38.1759, 18.0346



132.1420, 44.3000, -115.8885



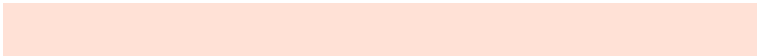
160.2410, 41.2932, -37.9224

Sweetspot

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



164.7350, -27.9704, 58.1144



232.7160, -9.2270, 19.5431



155.0370, 21.1808, 66.6196



114.5840, -5.7109, 11.7658



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.



164.7350, -27.9704, 58.1144



167.1520, -37.0499, 77.0427



199.9550, -45.3338, 27.2265



108.3490, -2.6371, 5.8329



82.2840, -40.5660, 84.8199



23.4670, -11.5692, 24.1464

Inverse Universe

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



174.2650, 27.9704, -58.1144



179.8480, 37.0499, -77.0427



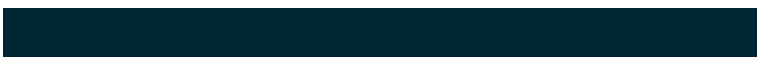
139.0450, 45.3338, -27.2265



109.6510, 2.6371, -5.8329



96.1290, 40.8554, -84.3051



27.5330, 11.5692, -24.1464

Previews

White Background



This preview shows how the YUV color 164.7350, -27.9704, 58.1144 looks on a white background.

Color Contrast Check

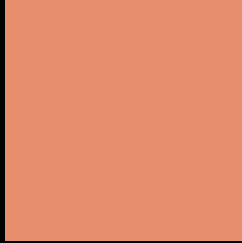
Large Text (above 18pt) WCAG AA × Fail

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 164.7350, -27.9704, 58.1144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

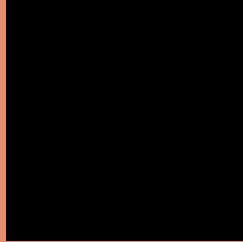
Any Text WCAG AA ✓ Pass

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 164.7350, -27.9704, 58.1144 Background



This preview shows how black text looks on a background with the YUV color 164.7350, -27.9704, 58.1144.



This preview shows how white text looks on a background with the YUV color 164.7350, -27.9704,

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

164.7350, -27.9704, 58.1144

Protanopia

163.4150, -22.8826, 12.7910

Deuteranopia

164.2170, -29.1940, 30.5047



Tritanopia

167.1430, -9.9305, 58.6336

Trichromacy



Original Color

164.7350, -27.9704, 58.1144

Protanomaly

164.0580, -24.6786, 28.8901

Deuteranomaly

164.3970, -28.7897, 40.8708

Tritanomaly

166.4220, -16.4770, 58.3889

Monochromacy



Original Color

164.7350, -27.9704, 58.1144

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0860, -10.3954, 20.9726

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7350, -27.9704, 58.1144 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(231, 142, 108)` looks like.

```
.text, #text, p{  
    color:rgb(231, 142, 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(231, 142, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 142, 108) }
```

Border

The CSS property to change the border of an element to YUV 164.7350, -27.9704, 58.1144 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(231, 142, 108) }
```


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

```
.border{ border-color:rgb(231, 142, 108) }
```

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

Here you see how a box with a 4 pixel rgb(231, 142, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 142, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 142, 108);  
box-shadow:4px 4px 4px 4px rgb(231, 142,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 164.7350, -27.9704, 58.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 142, 108) }
```

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

```
.background{ background-color: rgb(231,  
142, 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](#).

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