

Converting Colors

YUV(149.9720, -27.5942,
30.7196)

Have a look what the booklet for
YUV(149.9720, -27.5942, 30.7196)
contains.

YUV(149.9720, -27.5942, 30.7196)	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(149.9720, -27.5942,
30.7196)**

Conversions

Conversions Part 1

Format	Color
Hex	B98F5E
RGB	185, 143, 94
RGB Percent	73%, 56%, 37%
CMY	0.2745, 0.4392, 0.6314
CMYK	0.00, 0.23, 0.49, 0.27
HSL	32°, 39%, 55%
HSV	32°, 49%, 73%
XYZ	31.8504, 30.7674, 14.8497
YIQ	149.9720, 40.7610, -6.3350

Conversions

Conversions Part 2

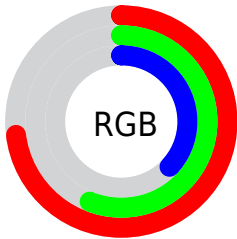
Format	Color
RYB	172, 185, 94
Decimal	12160862
CIELab	62.31, 9.75, 32.07
CIELCh	62, 33.519, 73.096
Yxy	30.7674, 0.4111, 0.3972
Android (android.graphics.Color)	4290350942 (0xFFB98F5E)
YUV	149.9720, -27.5942, 30.7196
Hunter-Lab	55.4683, 5.4267, 22.9550

Details

The YUV color **149.9720, -27.5942, 30.7196** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **129.0280, 27.5942, -30.7196**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8260, -29.4942, 33.4786**, and **98.7050, -25.9836, 27.4457** is the 20% darker color. If you saturate the color by 10%, you get **142.6370, -32.8520, 37.1524**, and if you desaturate by 10%, it is **157.4210, -21.8996, 24.1868**.

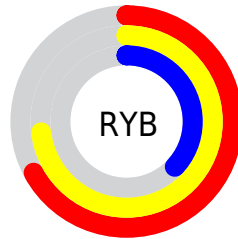
Distribution



Red (73%)

Green (56%)

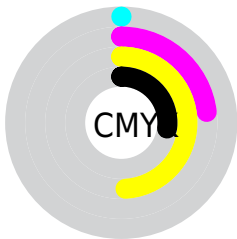
Blue (37%)



Red (67%)

Yellow (73%)

Blue (37%)

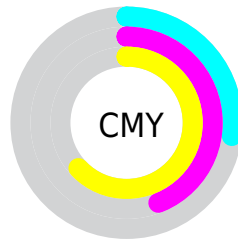


Cyan (0%)

Magenta (23%)

Yellow (49%)

Black (27%)



Cyan (27%)

Magenta (44%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.9720, -27.5942, 30.7196 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 149.9720, -27.5942, 30.7196 by changing the saturation by 10% instead.


 149.9720,
-27.5942, 30.7196


 149.9720,
-27.5942, 30.7196


255.0000, 0.0000,
0.0000

 123.6020,
-26.4258, 29.2900


 204.8260,
-29.4942, 33.4786


 98.7050, -25.9836,
27.4457


 227.9280,
-27.5725, 23.7421


 74.0360, -24.6677,
25.4014

 247.4420,
-23.8819, 6.6284

 50.6120, -24.9517,
23.1423

 251.9220,
-11.7935, 2.6994

 30.8100, -15.1893,
18.5836

 8.3720, -4.1274,
17.2138

 0.0000, 0.0000,

0.0000

■ 149.9720,
-27.5942, 30.7196

■ 149.9720,
-27.5942, 30.7196

■ 142.6370,
-32.8520, 37.1524

■ 157.4210,
-21.8996, 24.1868

■ 135.7750,
-38.8361, 43.1703

■ 164.1690,
-16.3523, 18.2688

■ 128.4400,
-44.0939, 49.6031

■ 171.6180,
-10.6577, 11.7360

■ 121.5780,
-50.0780, 55.6211

■ 178.3660, -5.1104,
5.8180

■ 114.1290,
-55.7726, 62.1539

■ 185.8150, 0.5842,
-0.7148

■ 114.0150,
-56.2094, 62.2538

■ 192.5630, 6.1314,
-6.6328

■ 200.0120, 11.8261,
-13.1655

■ 206.7600, 17.3733,
-19.0835

■ 213.5250, 20.4472,
-25.0164

Harmonies

Analogous

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



151.7210, -20.0755, 45.8487



149.9720, -27.5942, 30.7196



147.2420, -27.2343, 8.5578

Triad

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



149.9720, -27.5942, 30.7196



130.6640, 15.9416, -73.3733



154.2510, 19.5963, 14.6889

Complementary

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



149.9720, -27.5942, 30.7196



129.0280, 27.5942, -30.7196

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.



149.7460, 28.7192, -18.1942



149.9720, -27.5942, 30.7196



128.0940, 30.5197, -82.5204

Square

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



149.9720, -27.5942, 30.7196



137.9160, -2.9166, -44.6533



139.9650, 33.0483, -53.4663



154.7780, 7.0114, 37.9057

Rectangle

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



149.9720, -27.5942, 30.7196



145.3970, -22.3807, -8.2412



139.9650, 33.0483, -53.4663



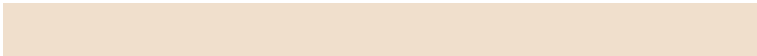
153.3960, 22.9758, 4.0377

Sweetspot

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



149.9720, -27.5942, 30.7196



225.9170, -10.8051, 12.3508



125.9970, 4.9315, 51.7456



111.6220, -6.7156, 7.3475



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



149.9720, -27.5942, 30.7196



185.0700, -42.9255, 48.1736



173.7290, -39.3064, 7.2537



88.6260, -2.7736, 2.9590



95.9520, -47.3043, 52.6621



17.1770, -8.4683, 9.4918

Inverse Universe

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



129.0280, 27.5942, -30.7196



152.9300, 42.9255, -48.1736



105.2710, 39.3064, -7.2537



86.3740, 2.7736, -2.9590



60.0480, 47.3043, -52.6621



10.8230, 8.4683, -9.4918

Previews

White Background



This preview shows how the YUV color 149.9720, -27.5942, 30.7196 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 149.9720, -27.5942, 30.7196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

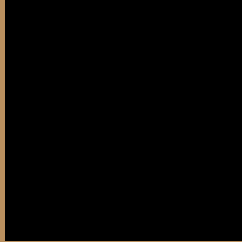
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.9720, -27.5942, 30.7196

Background



This preview shows how black text looks on a background with the YUV color 149.9720, -27.5942, 30.7196.



This preview shows how white text looks on a background with the YUV color 149.9720, -27.5942, 30.7196.

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

149.9720, -27.5942, 30.7196

Protanopia

148.7310, -25.5034, 13.3909

Deuteranopia

149.6620, -27.4414, 28.3604



Tritanopia

153.4000, -3.1552, 32.0982

Trichromacy



Original Color

149.9720, -27.5942, 30.7196

Protanomaly

149.2480, -26.2513, 19.9535

Deuteranomaly

149.9610, -27.5888, 28.9752

Tritanomaly

152.3970, -12.0277, 31.2238

Monochromacy



Original Color

149.9720, -27.5942, 30.7196

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8460, -9.7841, 11.5361

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9720, -27.5942, 30.7196 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(185, 143, 94)` looks like.

```
.text, #text, p{  
  color:rgb(185, 143, 94)  
}
```

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(185, 143, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 143, 94) }
```

Border

The CSS property to change the border of an element to YUV 149.9720, -27.5942, 30.7196 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(185, 143, 94) }
```


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

```
.border{ border-color:rgb(185, 143, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 143, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 143, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 143, 94); box-shadow:4px 4px 4px 4px rgb(185, 143, 94) }
```

Background

The CSS property to change the background color of an element to YUV 149.9720, -27.5942, 30.7196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 143, 94) }
```

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

```
.background{ background-color: rgb(185,  
143, 94) }
```

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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