

Converting Colors

YUV(97.7300, -27.4749, -7.6562)

Have a look what the booklet for
YUV(97.7300, -27.4749, -7.6562)
contains.

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Color

**YUV(97.7300, -27.4749,
-7.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	59712A
RGB	89, 113, 42
RGB Percent	35%, 44%, 16%
CMY	0.6510, 0.5569, 0.8353
CMYK	0.21, 0.00, 0.63, 0.56
HSL	80°, 46%, 30%
HSV	80°, 63%, 44%
XYZ	10.4429, 14.1013, 4.3619
YIQ	97.7300, 8.4870, -27.1690

Conversions

Conversions Part 2

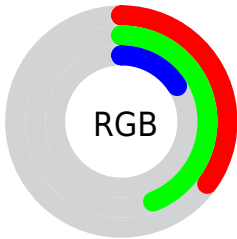
Format	Color
RYB	42, 113, 66
Decimal	5861674
CIELab	44.38, -20.77, 35.67
CIElCh	44, 41.274, 120.217
Yxy	14.1013, 0.3613, 0.4878
Android (android.graphics.Color)	4284051754 (0xFF59712A)
YUV	97.7300, -27.4749, -7.6562
Hunter-Lab	37.5517, -16.0757, 19.3992

Details

The YUV color **97.7300, -27.4749, -7.6562** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57.2700, 27.4749, 7.6562**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3880, -28.7853, -7.3563**, and **50.1150, -24.7067, -8.8709** is the 20% darker color. If you saturate the color by 10%, you get **95.2800, -31.6900, -9.0156**, and if you desaturate by 10%, it is **100.1800, -23.2597, -6.2969**.

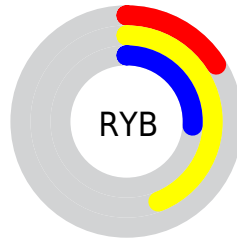
Distribution



Red (35%)

Green (44%)

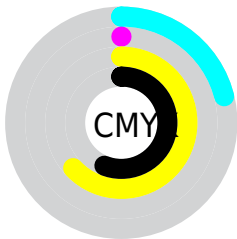
Blue (16%)



Red (16%)

Yellow (44%)

Blue (26%)

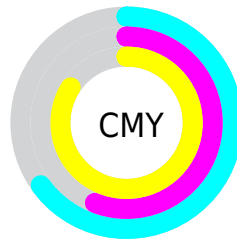


Cyan (21%)

Magenta (0%)

Yellow (63%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7300, -27.4749, -7.6562 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 97.7300, -27.4749, -7.6562 by changing the saturation by 10% instead.

■ 97.7300, -27.4749,
-7.6562

■ 97.7300, -27.4749,
-7.6562

255.0000, 0.0000,
0.0000

■ 72.7300, -27.4749,
-7.6562

■ 149.3880,
-28.7853, -7.3563

■ 50.1150, -24.7067,
-8.8709

■ 176.1600,
-29.6589, -7.1563

■ 30.0250, -14.8023,
-12.2999

■ 203.9320,
-30.5325, -6.9564

■ 14.0880, -6.9454,
-12.3552

■ 232.4050,
-31.2587, -7.3712

■ 0.0000, 0.0000,
0.0000

■ 247.6760,
-25.4763, 4.6691

■ 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 97.7300, -27.4749,
-7.6562

■ 97.7300, -27.4749,
-7.6562

■ 95.2800, -31.6900,
-9.0156

■ 100.1800,
-23.2597, -6.2969

■ 92.7160, -36.3420,
-10.2749

■ 102.7440,
-18.6078, -5.0375

■ 90.5650, -40.7045,
-11.0195

■ 104.8950,
-14.2452, -4.2929

■ 88.7560, -43.7567,
-12.0640

■ 107.3450,
-10.0301, -2.9336

■ 109.7950, -5.8149,
-1.5742

■ 112.3590, -1.1630,
-0.3148

■ 114.8090, 3.0522,
1.0445

■ 117.2590, 7.2673,
2.4039

■ 119.5240, 12.0667,
3.0485

Harmonies

Analogous

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



101.1850, -34.1082, 20.0088



97.7300, -27.4749, -7.6562



89.9780, -10.3422, -42.9537

Triad

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



97.7300, -27.4749, -7.6562



87.3750, 37.7761, -76.6279



105.1560, 0.4161, 53.3602

Complementary

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



97.7300, -27.4749, -7.6562



57.2700, 27.4749, 7.6562

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.



108.0470, 15.7528, 34.1618



97.7300, -27.4749, -7.6562



91.2940, 40.7741, -58.1398

Square

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



97.7300, -27.4749, -7.6562



86.7590, 25.2618, -76.0876



106.7420, 28.2282, -0.6507



103.6280, -15.5926, 54.7002

Rectangle

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



97.7300, -27.4749, -7.6562



81.5150, 5.1691, -71.4887



106.7420, 28.2282, -0.6507



106.5020, 5.6685, 48.6717

Sweetspot

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



97.7300, -27.4749, -7.6562



141.8180, -10.7563, -3.3484



77.3170, -17.4113, 31.2940



70.2680, -6.5411, -1.9890



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



97.7300, -27.4749, -7.6562



123.9840, -42.8831, -12.2640



87.2650, -22.3156, -29.1734



54.7180, -2.3260, -0.6297



94.0610, -46.3721, -13.2085



194.0250, -95.6543, -26.3319

Inverse Universe

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



57.2700, 27.4749, 7.6562



60.7170, 43.0305, 11.6492



67.7350, 22.3156, 29.1734



51.2820, 2.3260, 0.6297



25.9390, 46.3721, 13.2085



53.2740, 95.5069, 26.9467

Previews

White Background



This preview shows how the YUV color 97.7300, -27.4749, -7.6562 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 97.7300, -27.4749, -7.6562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

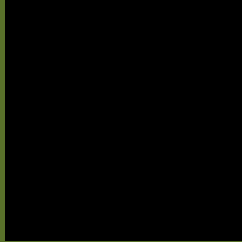
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.7300, -27.4749, -7.6562

Background



This preview shows how black text looks on a background with the YUV color 97.7300, -27.4749, -7.6562.



This preview shows how white text looks on a background with the YUV color 97.7300, -27.4749, -7.6562.

-7.6562.

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

97.7300, -27.4749, -7.6562

Protanopia

101.1780, -30.1608, 13.8759

Deuteranopia

102.8140, -28.0093, 23.8421



Tritanopia

104.5200, 4.6736, -5.7180

Trichromacy



Original Color

97.7300, -27.4749, -7.6562

Protanomaly

100.0630, -29.1181, 6.0837

Deuteranomaly

101.1500, -27.6819, 12.1465

Tritanomaly

102.4200, -7.1091, -6.5073

Monochromacy



Original Color

97.7300, -27.4749, -7.6562

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7580, -9.7407, -2.4188

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7300, -27.4749, -7.6562 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(89, 113, 42)` looks like.

```
.text, #text, p{  
    color:rgb(89, 113, 42)  
}
```

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(89, 113, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 113, 42) }
```

Border

The CSS property to change the border of an element to YUV 97.7300, -27.4749, -7.6562 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(89, 113, 42) }
```


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

```
.border{ border-color:rgb(89, 113, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 113, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 113, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 113, 42);  
box-shadow:4px 4px 4px 4px rgb(89, 113,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 97.7300, -27.4749, -7.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 113, 42) }
```

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

```
.background{ background-color: rgb(89, 113,  
42) }
```

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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