

Converting Colors

YUV(72.8510, -27.5345,
11.5317)

Have a look what the booklet for
YUV(72.8510, -27.5345, 11.5317)
contains.

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Color

**YUV(72.8510, -27.5345,
11.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	564D11
RGB	86, 77, 17
RGB Percent	34%, 30%, 7%
CMY	0.6627, 0.6980, 0.9333
CMYK	0.00, 0.10, 0.80, 0.66
HSL	52°, 67%, 20%
HSV	52°, 80%, 34%
XYZ	6.5928, 7.3267, 1.5970
YIQ	72.8510, 24.6240, -16.7520

Conversions

Conversions Part 2

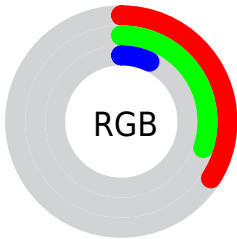
Format	Color
R_{YB}	27, 86, 17
Decimal	5655825
CIE Lab	32.54, -3.78, 34.73
CIE LCh	33, 34.937, 96.216
Yxy	7.3267, 0.4249, 0.4722
Android (android.graphics.Color)	4283845905 (0xFF564D11)
YUV	72.8510, -27.5345, 11.5317
Hunter-Lab	27.0678, -3.8921, 15.4493

Details

The YUV color **72.8510, -27.5345, 11.5317** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **30.1490, 27.5345, -11.5317**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.5200, -28.8504, 13.5760**, and **30.4340, -15.0040, 5.7584** is the 20% darker color. If you saturate the color by 10%, you get **71.2380, -31.1763, 12.9463**, and if you desaturate by 10%, it is **74.4640, -23.8928, 10.1171**.

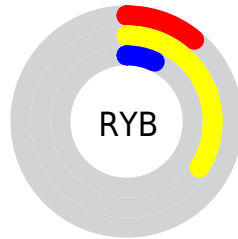
Distribution



Red (34%)

Green (30%)

Blue (7%)



Red (11%)

Yellow (34%)

Blue (7%)

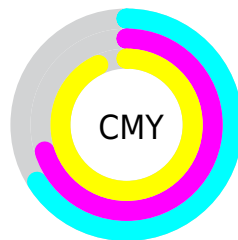


Cyan (0%)

Magenta (10%)

Yellow (80%)

Black (66%)



Cyan (66%)

Magenta (70%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8510, -27.5345, 11.5317 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 72.8510, -27.5345, 11.5317 by changing the saturation by 10% instead.

72.8510, -27.5345,
11.5317

72.8510, -27.5345,
11.5317

254.5440, -1.7472,
0.3999

50.2360, -24.7663,
10.3170

122.5200,
-28.8504, 13.5760

30.4340, -15.0040,
5.7584

148.1180,
-29.1452, 14.8055

8.2400, -4.0623,
-3.7185

175.1890,
-30.1662, 15.6202

0.0000, 0.0000,
0.0000

203.2600,
-31.1872, 16.4350

231.4450,
-31.7714, 17.1497

248.0460,

-26.6447, 6.0987

■ 251.2380,
-14.4143, 3.2993

■ 72.8510, -27.5345,
11.5317

■ 72.8510, -27.5345,
11.5317

■ 71.2380, -31.1763,
12.9463

■ 74.4640, -23.8928,
10.1171

■ 69.7390, -34.3813,
14.2609

■ 75.9630, -20.6878,
8.8024

■ 77.5760, -17.0460,
7.3878

■ 79.0750, -13.8410,
6.0732

■ 81.2750, -10.4886,
4.1438

■ 82.8880, -6.8468,
2.7292

■ 84.3870, -3.6418,
1.4146

■ 86.0000, 0.0000,
0.0000

■ 87.4990, 3.2050,
-1.3146

Harmonies

Analogous

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



74.7700, -24.5366, 30.0197



72.8510, -27.5345, 11.5317



69.6570, -20.0439, -11.1002

Triad

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



72.8510, -27.5345, 11.5317



64.5550, 21.4184, -56.6147



78.2440, 10.2327, 31.3580

Complementary

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



72.8510, -27.5345, 11.5317



30.1490, 27.5345, -11.5317

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.



78.5380, 20.9338, 5.6672



72.8510, -27.5345, 11.5317



64.3730, 30.8751, -56.4551

Square

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



72.8510, -27.5345, 11.5317



62.1780, 9.7722, -54.5301



69.6900, 30.2258, -34.8081



76.1180, -2.0302, 44.6235

Rectangle

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



72.8510, -27.5345, 11.5317



65.3540, -10.5275, -30.1285



69.6900, 30.2258, -34.8081



78.9380, 14.3276, 24.6104

Sweetspot

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



72.8510, -27.5345, 11.5317



107.1610, -10.9254, 4.2438



38.6570, -6.2399, 41.5198



53.0020, -6.4100, 2.6292



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



72.8510, -27.5345, 11.5317



91.4700, -43.1227, 18.0048



70.6590, -26.4539, -8.4709



42.5440, -1.7472, 0.3999



86.5840, -42.6859, 17.9048



190.0130, -93.6764, 39.4536

Inverse Universe

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



30.1490, 27.5345, -11.5317



25.1170, 42.8333, -18.5196



32.3410, 26.4539, 8.4709



40.0430, 1.4578, -0.9147



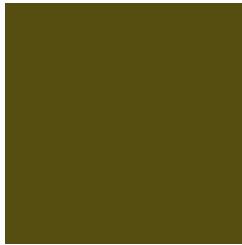
20.4160, 42.6859, -17.9048



44.9870, 93.6764, -39.4536

Previews

White Background



This preview shows how the YUV color 72.8510, -27.5345, 11.5317 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 ✓ Pass

Black Background



This preview shows how the YUV color 72.8510, -27.5345, 11.5317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

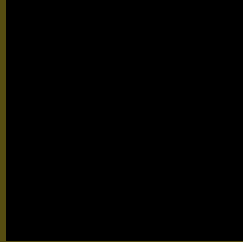
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8510, -27.5345, 11.5317

Background



This preview shows how black text looks on a background with the YUV color 72.8510, -27.5345, 11.5317.



This preview shows how white text looks on a background with the YUV color 72.8510, -27.5345,

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

72.8510, -27.5345, 11.5317

Protanopia

72.8510, -27.5345, 11.5317

Deuteranopia

73.7210, -26.9775, 19.5387



Tritanopia

77.9520, -0.4693, 10.5661

Trichromacy



Original Color

72.8510, -27.5345, 11.5317

Protanomaly

72.8510, -27.5345, 11.5317

Deuteranomaly

72.9980, -27.1140, 16.6648

Tritanomaly

76.3190, -10.5103, 11.1212

Monochromacy



Original Color

72.8510, -27.5345, 11.5317

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8510, -27.5345, 11.5317 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(86, 77, 17)` looks like.

```
.text, #text, p{  
    color:rgb(86, 77, 17)  
}
```

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(86, 77, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 77, 17) }
```

Border

The CSS property to change the border of an element to YUV 72.8510, -27.5345, 11.5317 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(86, 77, 17) }
```


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

```
.border{ border-color:rgb(86, 77, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 77, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 77, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 77, 17);  
box-shadow:4px 4px 4px 4px rgb(86, 77, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.8510, -27.5345, 11.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 77, 17) }
```

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

```
.background{ background-color: rgb(86, 77,  
17) }
```

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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