

Converting Colors

YUV(95.2970, -27.2614,
17.2795)

Have a look what the booklet for
YUV(95.2970, -27.2614, 17.2795)
contains.

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Color

**YUV(95.2970, -27.2614,
17.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	736028
RGB	115, 96, 40
RGB Percent	45%, 38%, 16%
CMY	0.5490, 0.6235, 0.8431
CMYK	0.00, 0.17, 0.65, 0.55
HSL	45°, 48%, 30%
HSV	45°, 65%, 45%
XYZ	11.6361, 12.1638, 3.7420
YIQ	95.2970, 29.3000, -13.3880

Conversions

Conversions Part 2

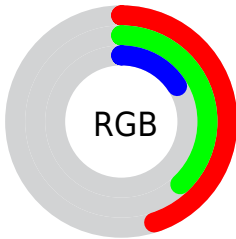
Format	Color
RYB	65, 115, 40
Decimal	7561256
CIELab	41.48, 0.53, 34.07
CIELCh	41, 34.075, 89.104
Yxy	12.1638, 0.4225, 0.4416
Android (android.graphics.Color)	4285751336 (0xFF736028)
YUV	95.2970, -27.2614, 17.2795
Hunter-Lab	34.8766, -1.4800, 18.0522

Details

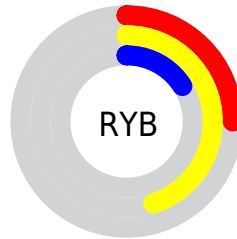
The YUV color **95.2970, -27.2614, 17.2795** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.7030, 27.2614, -17.2795**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2650, -28.7246, 19.9386**, and **48.4860, -23.9036, 13.6058** is the 20% darker color. If you saturate the color by 10%, you get **92.2820, -31.1980, 19.9237**, and if you desaturate by 10%, it is **98.3120, -23.3248, 14.6354**.

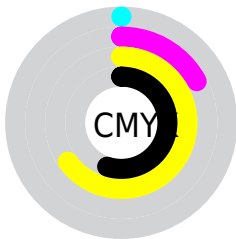
Distribution



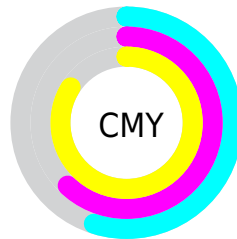
- Red (45%)
- Green (38%)
- Blue (16%)



- Red (25%)
- Yellow (45%)
- Blue (16%)



- Cyan (0%)
- Magenta (17%)
- Yellow (65%)
- Black (55%)



- Cyan (55%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.2970, -27.2614, 17.2795 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 95.2970, -27.2614, 17.2795 by changing the saturation by 10% instead.

■ 95.2970, -27.2614,
17.2795

■ 95.2970, -27.2614,
17.2795

255.0000, 0.0000,
0.0000

■ 70.6990, -26.9666,
16.0500

■ 146.2650,
-28.7246, 19.9386

■ 48.4860, -23.9036,
13.6058

■ 173.3360,
-29.7456, 20.7533

■ 28.9830, -14.2886,
9.6619

■ 200.8200,
-30.4773, 22.0829

■ 5.9250, -2.9210,
3.5738

■ 228.8910,
-31.4983, 22.8976

■ 0.0000, 0.0000,
0.0000

■ 247.9320,
-27.0815, 6.1986

■ 251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

95.2970, -27.2614,
17.2795

95.2970, -27.2614,
17.2795

92.2820, -31.1980,
19.9237

98.3120, -23.3248,
14.6354

89.1530, -35.5714,
22.6678

101.4410,
-18.9514, 11.8912

86.0240, -39.9448,
25.4120

104.5700,
-14.5780, 9.1471

84.8670, -41.8394,
26.4266

107.5850,
-10.6414, 6.5030

110.7140, -6.2680,
3.7588

■ 113.1420, -2.0420,
1.6295

■ 116.2710, 2.3314,
-1.1147

■ 119.2860, 6.2680,
-3.7588

■ 122.4150, 10.6414,
-6.5030

Harmonies

Analogous

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



97.1450, -23.2425, 34.9528



95.2970, -27.2614, 17.2795



92.4190, -22.3916, -4.7525

Triad

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



95.2970, -27.2614, 17.2795



79.8800, 21.7512, -70.0548



100.9060, 12.8643, 27.2694

Complementary

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



95.2970, -27.2614, 17.2795



59.7030, 27.2614, -17.2795

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.



99.4770, 23.4288, -1.2953



95.2970, -27.2614, 17.2795



79.9260, 32.0815, -70.0951

Square

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



95.2970, -27.2614, 17.2795



76.6880, 9.5208, -67.2554



89.9990, 31.5525, -40.3411



99.0900, 0.4486, 42.8941

Rectangle

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



95.2970, -27.2614, 17.2795



89.3720, -14.4804, -22.2512



89.9990, 31.5525, -40.3411



100.5890, 16.9646, 18.7774

Sweetspot

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



95.2970, -27.2614, 17.2795



142.4710, -11.0782, 6.6029



64.7050, -2.3196, 44.1087



71.8990, -6.8522, 4.4736



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



95.2970, -27.2614, 17.2795



119.6390, -42.7130, 26.6266



101.3670, -30.2539, -2.9529



57.1420, -2.0420, 1.6295



89.8950, -44.3182, 28.1561



184.5190, -90.9679, 57.4268

Inverse Universe

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



59.7030, 27.2614, -17.2795



63.9480, 42.4236, -27.1414



53.9320, 30.1065, 3.5676



54.2710, 2.3314, -1.1147



32.1050, 44.3182, -28.1561



65.4810, 90.9679, -57.4268

Previews

White Background



This preview shows how the YUV color 95.2970, -27.2614, 17.2795 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 95.2970, -27.2614, 17.2795 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 95.2970, -27.2614, 17.2795

Background



This preview shows how black text looks on a background with the YUV color 95.2970, -27.2614, 17.2795.



This preview shows how white text looks on a background with the YUV color 95.2970, -27.2614,

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

95.2970, -27.2614, 17.2795

Protanopia

94.7910, -26.5190, 12.4613

Deuteranopia

95.7430, -26.9883, 23.0274



Tritanopia

99.7680, -1.3646, 17.7435

Trichromacy



Original Color

95.2970, -27.2614, 17.2795

Protanomaly

94.8020, -26.5244, 14.2056

Deuteranomaly

95.4330, -26.8355, 20.6683

Tritanomaly

97.9500, -10.8214, 17.5838

Monochromacy



Original Color

95.2970, -27.2614, 17.2795

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8130, -9.7678, 6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2970, -27.2614, 17.2795 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(115, 96, 40)` looks like.

```
.text, #text, p{  
    color:rgb(115, 96, 40)  
}
```

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(115, 96, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 96, 40) }
```

Border

The CSS property to change the border of an element to YUV 95.2970, -27.2614, 17.2795 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(115, 96, 40) }
```


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

```
.border{ border-color:rgb(115, 96, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 96, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 96, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 96, 40);  
box-shadow:4px 4px 4px 4px rgb(115, 96,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 95.2970, -27.2614, 17.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 96, 40) }
```

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

```
.background{ background-color: rgb(115, 96,  
40) }
```

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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