

Converting Colors

YUV(126.7370, -28.4643,
-63.7903)

Have a look what the booklet for
YUV(126.7370, -28.4643, -63.7903)
contains.

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Color

**YUV(126.7370, -28.4643,
-63.7903)**

Conversions

Conversions Part 1

Format	Color
Hex	36AF45
RGB	54, 175, 69
RGB Percent	21%, 69%, 27%
CMY	0.7882, 0.3137, 0.7294
CMYK	0.69, 0.00, 0.61, 0.31
HSL	127°, 53%, 45%
HSV	127°, 69%, 69%
XYZ	17.9255, 31.8739, 10.8377
YIQ	126.7370, -38.0900, -58.6180

Conversions

Conversions Part 2

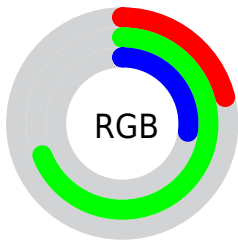
Format	Color
RYB	54, 162, 175
Decimal	3583813
CIELab	63.24, -54.81, 43.93
CIELCh	63, 70.243, 141.288
Yxy	31.8739, 0.2956, 0.5257
Android (android.graphics.Color)	4281773893 (0xFF36AF45)
YUV	126.7370, -28.4643, -63.7903
Hunter-Lab	56.4570, -42.1247, 28.1383

Details

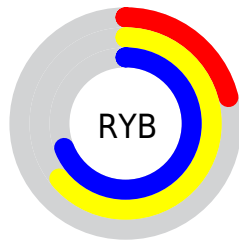
The YUV color **126.7370, -28.4643, -63.7903** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **102.2630, 28.4643, 63.7903**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6620, -31.3854, -60.2166**, and **72.7370, -28.4643, -63.7903** is the 20% darker color. If you saturate the color by 10%, you get **119.9440, -32.5104, -72.7419**, and if you desaturate by 10%, it is **133.8290, -24.5657, -54.2240**.

Distribution



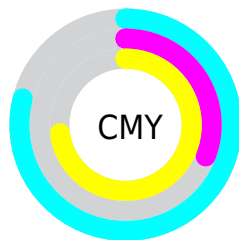
- Red (21%)
- Green (69%)
- Blue (27%)



- Red (21%)
- Yellow (64%)
- Blue (69%)



- Cyan (69%)
- Magenta (0%)
- Yellow (61%)
- Black (31%)



- Cyan (79%)
- Magenta (31%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7370, -28.4643, -63.7903 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 126.7370, -28.4643, -63.7903 by changing the saturation by 10% instead.

■ 126.7370,
-28.4643, -63.7903

■ 126.7370,
-28.4643, -63.7903

■ 255.0000, 0.0000,
0.0000

■ 92.0770, -24.1950,
-79.8745

■ 184.6620,
-31.3854, -60.2166

■ 72.7370, -28.4643,
-63.7903

■ 210.0970,
-31.1068, -56.2131

■ 55.7650, -27.4921,
-48.9059

■ 221.9600,
-23.1513, -41.1839

■ 41.0900, -20.2574,
-36.0359

■ 234.1220,
-15.3431, -25.5400

■ 28.1760, -13.8908,
-24.7104

■ 245.9850, -7.3876,
-10.5108

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,

0.0000

■ 126.7370,
-28.4643, -63.7903

■ 126.7370,
-28.4643, -63.7903

■ 119.9440,
-32.5104, -72.7419

■ 133.8290,
-24.5657, -54.2240

■ 112.7380,
-36.8458, -82.2082

■ 140.7360,
-20.0828, -45.3725

■ 105.6460,
-40.7445, -91.7745

■ 147.5290,
-16.0368, -36.4209

■ 105.2330,
-41.0339, -92.2893

■ 154.6210,
-12.1382, -26.8546

■ 161.8270, -7.8027,
-17.3883

■ 168.6200, -3.7567,
-8.4367

■ 175.7120, 0.1420,
1.1296

■ 182.6190, 4.6248,
9.9811

■ 189.7110, 8.5235,
19.5475

Harmonies

Analogous

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



137.6550, -67.3709, 2.0566



126.7370, -28.4643, -63.7903



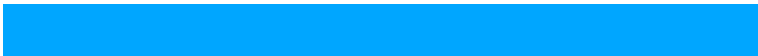
121.2950, 5.2776, -106.3757

Triad

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



126.7370, -28.4643, -63.7903



126.5120, 63.3446, -110.9510



143.6040, -15.5808, 97.6943

Complementary

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



126.7370, -28.4643, -63.7903



102.2630, 28.4643, 63.7903

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.



149.4980, 12.0795, 92.5253



126.7370, -28.4643, -63.7903



147.6840, 52.9068, -29.5409

Square

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



126.7370, -28.4643, -63.7903



132.9860, 57.6879, -116.6287



156.7430, 37.1017, 46.7064



147.3070, -45.5074, 83.0458

Rectangle

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



126.7370, -28.4643, -63.7903



126.8980, 24.2073, -111.2895



156.7430, 37.1017, 46.7064



143.5360, -5.6872, 97.7539

Sweetspot

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



126.7370, -28.4643, -63.7903



207.8600, -11.2700, -25.3102



157.0200, -50.7889, 3.4905



103.4790, -6.6451, -15.3291



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



126.7370, -28.4643, -63.7903



151.9780, -44.3592, -99.0817



133.5770, -2.2565, -69.7890



83.3970, -2.1677, -4.7332



90.2160, -35.1095, -79.1194



13.8430, -5.3456, -12.1403

Inverse Universe

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



102.2630, 28.4643, 63.7903



114.0220, 44.3592, 99.0817



95.4230, 2.2565, 69.7890



81.6030, 2.1677, 4.7332



59.8980, 35.5463, 79.0195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 126.7370, -28.4643, -63.7903 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 126.7370, -28.4643, -63.7903 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 126.7370, -28.4643, -63.7903 Background



This preview shows how black text looks on a background with the YUV color 126.7370, -28.4643, -63.7903.



This preview shows how white text looks on a background with the YUV color 126.7370, -28.4643, -63.7903.

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

126.7370, -28.4643, -63.7903

Protanopia

146.8230, -41.8177, 19.4492

Deuteranopia

149.9200, -35.4566, 32.5192



Tritanopia

142.1600, 17.1761, -49.2523

Trichromacy



Original Color

126.7370, -28.4643, -63.7903



Protanomaly

139.3030, -36.6314, -10.7897



Deuteranomaly

141.6830, -32.8747, -2.3530



Tritanomaly

136.4740, 0.7523, -54.7897

Monochromacy



Original Color

126.7370, -28.4643, -63.7903



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.5120, -10.1124, -23.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7370, -28.4643, -63.7903 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(54, 175, 69)` looks like.

```
.text, #text, p{  
    color:rgb(54, 175, 69)  
}
```

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(54, 175, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 175, 69) }
```

Border

The CSS property to change the border of an element to YUV 126.7370, -28.4643, -63.7903 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(54, 175, 69) }
```


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

```
.border{ border-color:rgb(54, 175, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 175, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 175, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 175, 69);  
box-shadow:4px 4px 4px 4px rgb(54, 175,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 126.7370, -28.4643, -63.7903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 175, 69) }
```

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

```
.background{ background-color: rgb(54, 175,  
69) }
```

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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