

Converting Colors

YUV(36.5160, 27.8466, 28.4885)

Have a look what the booklet for
YUV(36.5160, 27.8466, 28.4885)
contains.

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Color

**YUV(36.5160, 27.8466,
28.4885)**

Conversions

Conversions Part 1

Format	Color
Hex	45095D
RGB	69, 9, 93
RGB Percent	27%, 4%, 36%
CMY	0.7294, 0.9647, 0.6353
CMYK	0.26, 0.90, 0.00, 0.64
HSL	283°, 82%, 20%
HSV	283°, 90%, 36%
XYZ	4.5277, 2.2509, 10.5518
YIQ	36.5160, 8.7960, 38.8440

Conversions

Conversions Part 2

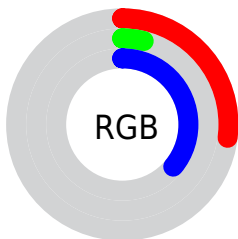
Format	Color
R _Y B	69, 9, 93
Decimal	4524381
CIE Lab	16.75, 40.08, -35.40
CIE LCh	17, 53.471, 318.550
Yxy	2.2509, 0.2613, 0.1299
Android (android.graphics.Color)	4282714461 (0xFF45095D)
YUV	36.5160, 27.8466, 28.4885
Hunter-Lab	15.0030, 27.6138, -31.1972

Details

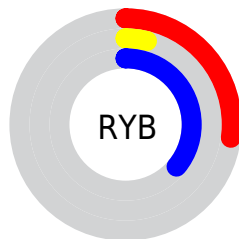
The YUV color **36.5160, 27.8466, 28.4885** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **65.4840, -27.8466, -28.4885**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.4020, 27.4098, 28.5884**, and **11.8220, 16.8498, 8.9261** is the 20% darker color. If you saturate the color by 10%, you get **30.3360, 30.8934, 31.2773**, and if you desaturate by 10%, it is **42.6960, 24.7999, 25.6996**.

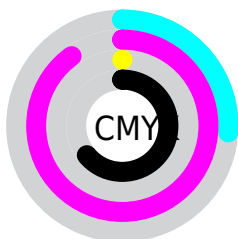
Distribution



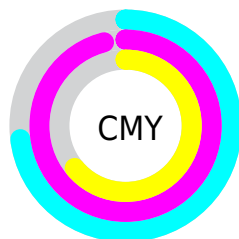
- Red (27%)
- Green (4%)
- Blue (36%)



- Red (27%)
- Yellow (4%)
- Blue (36%)



- Cyan (26%)
- Magenta (90%)
- Yellow (0%)
- Black (64%)



- Cyan (73%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.5160, 27.8466, 28.4885 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 36.5160, 27.8466, 28.4885 by changing the saturation by 10% instead.

36.5160, 27.8466,
28.4885

36.5160, 27.8466,
28.4885

251.4780, 1.7363,
3.0888

21.0220, 23.6532,
20.1517

88.4020, 27.4098,
28.5884

11.8220, 16.8498,
8.9261

113.9290, 28.1360,
29.0033

3.3230, 10.1938,
-2.9143

140.0540, 28.5674,
30.6476


0.0000, 0.0000,
0.0000


167.5810, 29.2936,
31.0625


195.2930, 29.4356,
32.1920


218.0190, 18.2316,


32.4323


 234.4550, 10.1287,
18.0180


 36.5160, 27.8466,
28.4885


 36.5160, 27.8466,
28.4885

 30.3360, 30.8934,
31.2773

 42.6960, 24.7999,
25.6996

 49.1640, 21.6111,
21.7812

 55.3440, 18.5644,
18.9923

 61.5240, 15.5177,
16.2035

 67.4050, 12.6183,
12.7998

■ 74.1720, 9.2822,
9.4962

■ 80.3520, 6.2355,
6.7073

■ 86.2330, 3.3361,
3.3037

■ 93.0000, 0.0000,
0.0000

Harmonies

Analogous

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



36.1170, 39.3823, -31.6746



36.5160, 27.8466, 28.4885



36.2130, 10.7410, 55.0642

Triad

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



36.5160, 27.8466, 28.4885



39.6810, -19.5627, 21.3278



40.2820, 12.1860, -35.3273

Complementary

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



36.5160, 27.8466, 28.4885



65.4840, -27.8466, -28.4885

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.



35.1350, -4.9966, -30.8134



36.5160, 27.8466, 28.4885



36.2600, -17.8762, -6.3670

Square

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



36.5160, 27.8466, 28.4885



29.5460, -14.5662, 52.1412



30.5240, -15.0483, -26.7695



43.5710, 27.3265, -38.2118

Rectangle

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



36.5160, 27.8466, 28.4885



34.8580, -0.9160, 60.6375



30.5240, -15.0483, -26.7695



38.8000, 6.5076, -34.0276

Sweetspot

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



36.5160, 27.8466, 28.4885



97.9380, 10.8766, 11.4554



33.2510, 29.4563, -21.2681



48.3520, 6.2355, 6.7073



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



36.5160, 27.8466, 28.4885



39.3940, 39.7388, 40.8735



41.7540, 16.8833, 44.9427



42.7660, 1.5944, 1.9592



35.8620, 36.5500, 36.9550



77.5490, 78.6093, 80.2025

Inverse Universe

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



36.8520, -1.8990, 49.2418



39.7560, -2.8377, 70.3740



60.2460, -16.8833, -44.9427



42.7230, 0.1366, 2.8739



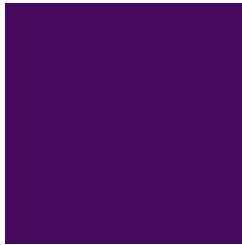
36.4240, -2.6740, 64.5262



78.6150, -5.2332, 138.9036

Previews

White Background



This preview shows how the YUV color 36.5160, 27.8466, 28.4885 looks on a white background.

Color Contrast Check

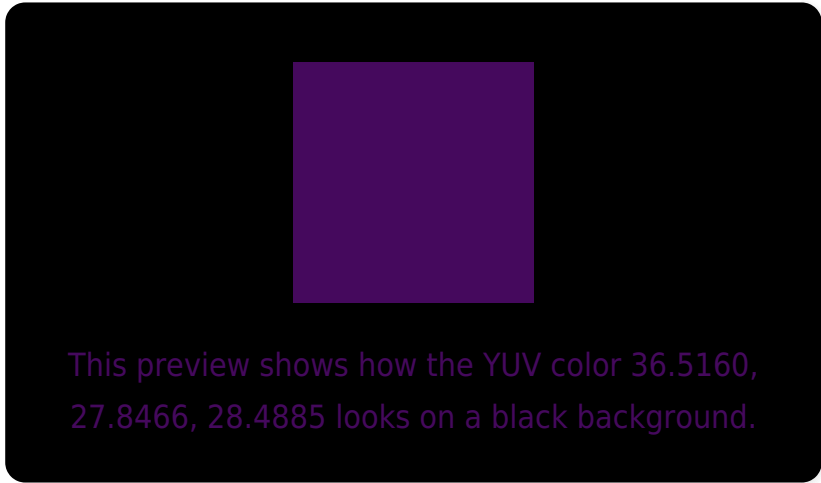
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

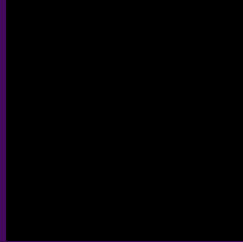
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.5160, 27.8466, 28.4885

Background



This preview shows how black text looks on a background with the YUV color 36.5160, 27.8466, 28.4885.



This preview shows how white text looks on a background with the YUV color 36.5160, 27.8466,

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

36.5160, 27.8466, 28.4885

Protanopia

34.8000, 26.7206, -30.5196

Deuteranopia

35.3070, 21.0476, -30.9642



Tritanopia

44.5180, -2.2274, 14.4547

Trichromacy



Original Color

36.5160, 27.8466, 28.4885

Protanomaly

35.3450, 26.9449, -9.0726

Deuteranomaly

35.7210, 23.3085, -9.4023

Tritanomaly

41.7110, 8.5235, 19.5475

Monochromacy



Original Color

36.5160, 27.8466, 28.4885

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9980, 9.8610, 10.5258

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.5160, 27.8466, 28.4885 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(69, 9, 93)` looks like.

```
.text, #text, p{  
    color:rgb(69, 9, 93)  
}
```

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(69, 9, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 9, 93) }
```

Border

The CSS property to change the border of an element to YUV 36.5160, 27.8466, 28.4885 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(69, 9, 93) }
```


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

```
.border{ border-color:rgb(69, 9, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 9, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 9, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 9, 93); box-shadow:4px  
4px 4px 4px rgb(69, 9, 93) }
```

Background

The CSS property to change the background color of an element to YUV 36.5160, 27.8466, 28.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 9, 93) }
```

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

```
.background{ background-color: rgb(69, 9,  
93) }
```

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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