

Converting Colors

YUV(35.4400, 12.6011,
-28.4499)

Have a look what the booklet for
YUV(35.4400, 12.6011, -28.4499)
contains.

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Color

**YUV(35.4400, 12.6011,
-28.4499)**

Conversions

Conversions Part 1

Format	Color
Hex	032F3D
RGB	3, 47, 61
RGB Percent	1%, 18%, 24%
CMY	0.9882, 0.8157, 0.7608
CMYK	0.95, 0.23, 0.00, 0.76
HSL	194°, 91%, 13%
HSV	194°, 95%, 24%
XYZ	1.8964, 2.3893, 4.7761
YIQ	35.4400, -30.7180, -4.9740

Conversions

Conversions Part 2

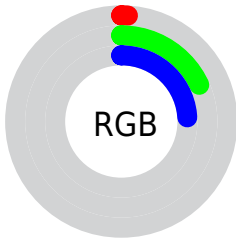
Format	Color
R_YB	3, 28, 61
Decimal	208701
CIE Lab	17.41, -8.40, -12.93
CIE LCh	17, 15.418, 236.996
Yxy	2.3893, 0.2093, 0.2637
Android (android.graphics.Color)	4278398781 (0xFF032F3D)
YUV	35.4400, 12.6011, -28.4499
Hunter-Lab	15.4574, -5.1514, -7.4996

Details

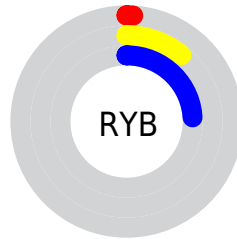
The YUV color **35.4400, 12.6011, -28.4499** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28.5600, -12.6011, 28.4499**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.9460, 11.8586, -23.6316**, and **2.6390, 7.5730, -2.3144** is the 20% darker color. If you saturate the color by 10%, you get **33.9560, 13.3327, -29.7794**, and if you desaturate by 10%, it is **37.8210, 11.4272, -25.2760**.

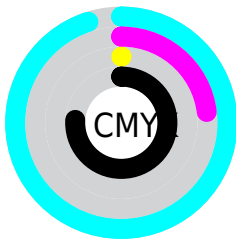
Distribution



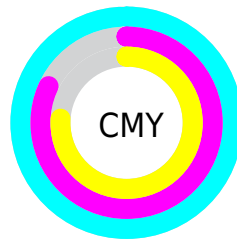
- Red (1%)
- Green (18%)
- Blue (24%)



- Red (1%)
- Yellow (11%)
- Blue (24%)



- Cyan (95%)
- Magenta (23%)
- Yellow (0%)
- Black (76%)



- Cyan (99%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.4400, 12.6011, -28.4499 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 35.4400, 12.6011, -28.4499 by changing the saturation by 10% instead.

■ 35.4400, 12.6011,
-28.4499

■ 35.4400, 12.6011,
-28.4499

■ 251.7110, 1.6215,
-6.7625

■ 20.2950, 9.2216,
-17.7987

■ 83.9460, 11.8586,
-23.6316

■ 2.6390, 7.5730,
-2.3144

■ 108.7610, 12.4428,
-24.3464

■ 0.0000, 0.0000,
0.0000

■ 134.1740, 12.7322,
-23.8316

■ 160.8750, 12.8796,
-24.4464

■ 187.9890, 13.3164,
-24.5464

■ 215.6900, 13.4638,

-25.1611

■ 242.4530, 6.1857,
-24.0763

■ 35.4400, 12.6011,
-28.4499

■ 35.4400, 12.6011,
-28.4499

■ 33.9560, 13.3327,
-29.7794

■ 37.8210, 11.4272,
-25.2760

■ 40.7890, 9.9640,
-22.6170

■ 43.1700, 8.7902,
-19.4431

■ 46.1380, 7.3270,
-16.7840

■ 48.5190, 6.1531,
-13.6102

■ 51.7860, 4.5425,
-10.3363

■ 54.1670, 3.3687,
-7.1625

■ 57.1350, 1.9054,
-4.5034

■ 59.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



34.1040, 8.8227, -29.9092



35.4400, 12.6011, -28.4499



40.4140, 12.1209, -14.3951

Triad

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



35.4400, 12.6011, -28.4499



43.8110, 0.0932, 16.8288



40.9970, -8.8725, -0.8744

Complementary

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



35.4400, 12.6011, -28.4499



28.5600, -12.6011, 28.4499

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.



42.1830, -10.9362, 7.7325



35.4400, 12.6011, -28.4499



43.4430, -5.1484, 18.0285

Square

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



35.4400, 12.6011, -28.4499



44.1460, 5.3510, 10.3960



42.7970, -8.7739, 14.2100



39.0820, -4.4774, -10.5959

Rectangle

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



35.4400, 12.6011, -28.4499



43.0130, 10.3466, -5.2734



42.7970, -8.7739, 14.2100



41.3780, -10.0464, 2.2995

Sweetspot

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



35.4400, 12.6011, -28.4499



69.1880, 4.8373, -11.5659



38.6420, -10.6695, -31.2580



34.4660, 3.2213, -6.5477



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



35.4400, 12.6011, -28.4499



44.2260, 17.1436, -38.7862



18.4170, 20.9934, -13.5207



29.5160, 0.7316, -1.3295



52.9800, 20.2229, -46.4635



123.9240, 48.3515, -108.6813

Inverse Universe

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



25.3580, 10.6695, 31.2580



30.4610, 14.5627, 42.5687



45.5830, -20.9934, 13.5207



29.1250, 0.4314, 1.6444



36.3140, 17.5932, 50.5906



85.5300, 40.6577, 119.6842

Previews

White Background



This preview shows how the YUV color 35.4400, 12.6011, -28.4499 looks on a white background.

Color Contrast Check

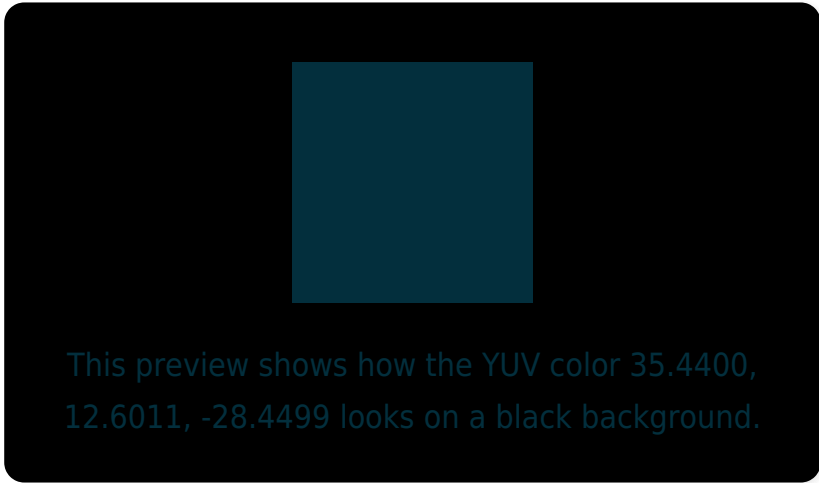
Large Text (above 18pt) WCAG AA ✓ Pass

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

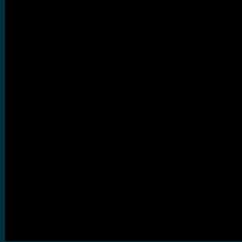
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

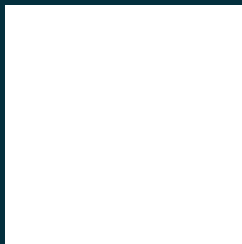
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 35.4400, 12.6011, -28.4499

Background



This preview shows how black text looks on a background with the YUV color 35.4400, 12.6011, -28.4499.



This preview shows how white text looks on a background with the YUV color 35.4400, 12.6011,

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

35.4400, 12.6011, -28.4499

Protanopia

43.5140, 7.1416, -3.9588

Deuteranopia

43.0730, 9.3310, -6.2030



Tritanopia

34.1040, 8.8227, -29.9092

Trichromacy



Original Color

35.4400, 12.6011, -28.4499

Protanomaly

40.3280, 9.2053, -12.5657

Deuteranomaly

40.0720, 10.8105, -14.0951

Tritanomaly

34.7450, 9.9857, -29.5944

Monochromacy



Original Color

35.4400, 12.6011, -28.4499

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.7860, 4.5425, -10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.4400, 12.6011, -28.4499 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(3, 47, 61)` looks like.

```
.text, #text, p{  
    color:rgb(3, 47, 61)  
}
```

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(3, 47, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 47, 61) }
```

Border

The CSS property to change the border of an element to YUV 35.4400, 12.6011, -28.4499 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(3, 47, 61) }
```


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

```
.border{ border-color:rgb(3, 47, 61) }
```

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

Here you see how a box with a 4 pixel rgb(3, 47, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 47, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 47, 61); box-shadow:4px  
4px 4px 4px rgb(3, 47, 61) }
```

Background

The CSS property to change the background color of an element to YUV 35.4400, 12.6011, -28.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 47, 61) }
```

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

```
.background{ background-color: rgb(3, 47,  
61) }
```

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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