

Converting Colors

YUV(28.3560, 17.0795, 28.6288)

Have a look what the booklet for
YUV(28.3560, 17.0795, 28.6288)
contains.

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Color

**YUV(28.3560, 17.0795,
28.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	3D053F
RGB	61, 5, 63
RGB Percent	24%, 2%, 25%
CMY	0.7608, 0.9804, 0.7529
CMYK	0.03, 0.92, 0.00, 0.75
HSL	298°, 85%, 13%
HSV	298°, 92%, 25%
XYZ	2.8759, 1.4595, 4.8328
YIQ	28.3560, 14.7580, 29.9100

Conversions

Conversions Part 2

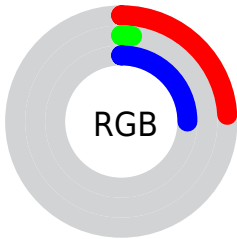
Format	Color
R_{YB}	61, 5, 63
Decimal	3999039
CIE _{Lab}	12.35, 33.61, -21.94
CIE _{LCh}	12, 40.139, 326.873
Yxy	1.4595, 0.3137, 0.1592
Android (android.graphics.Color)	4282189119 (0xFF3D053F)
YUV	28.3560, 17.0795, 28.6288
Hunter-Lab	12.0811, 21.3507, -15.2609

Details

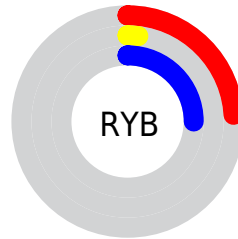
The YUV color **28.3560, 17.0795, 28.6288** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.6440, -17.0795, -28.6288**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.1280, 16.2059, 28.8287**, and **2.1660, 8.2992, -1.8996** is the 20% darker color. If you saturate the color by 10%, you get **25.4210, 18.5264, 31.2028**, and if you desaturate by 10%, it is **31.8780, 15.3431, 25.5400**.

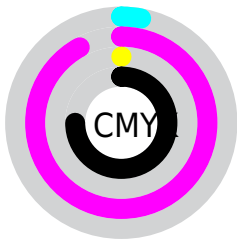
Distribution



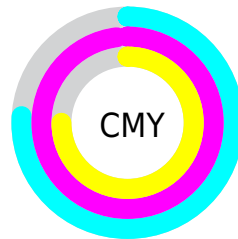
- Red (24%)
- Green (2%)
- Blue (25%)



- Red (24%)
- Yellow (2%)
- Blue (25%)



- Cyan (3%)
- Magenta (92%)
- Yellow (0%)
- Black (75%)



- Cyan (76%)
- Magenta (98%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.3560, 17.0795, 28.6288 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 28.3560, 17.0795, 28.6288 by changing the saturation by 10% instead.

■ 28.3560, 17.0795,
28.6288

■ 28.3560, 17.0795,
28.6288

■ 246.1950, 4.3409,
7.7220

■ 16.6340, 12.0124,
20.4920

■ 78.1280, 16.2059,
28.8287

■ 2.1660, 8.2992,
-1.8996

■ 102.9540, 16.7847,
29.8583

■ 0.0000, 0.0000,
0.0000


■ 128.6660, 16.9267,
30.9879


■ 155.3780, 17.0686,
32.1175


■ 182.2040, 17.6474,
33.1471


■ 210.6170, 17.9368,


33.6619


 229.7590, 12.4438,
22.1364


 28.3560, 17.0795,
28.6288

 28.3560, 17.0795,
28.6288

 25.4210, 18.5264,
31.2028

 31.8780, 15.3431,
25.5400

 35.9870, 13.3174,
21.9364

 39.8080, 11.4337,
19.4624

 43.3300, 9.6973,
16.3736

 47.4390, 7.6716,
12.7700

■ 50.9610, 5.9352,
9.6812

■ 54.7820, 4.0515,
7.2072

■ 58.3040, 2.3151,
4.1184

■ 62.4130, 0.2894,
0.5148

Harmonies

Analogous

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



28.9100, 26.6664, -13.0761



28.3560, 17.0795, 28.6288



27.1270, 4.3744, 43.7386

Triad

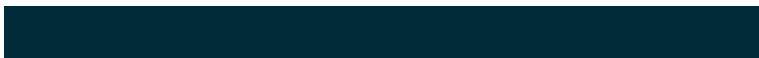
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.3560, 17.0795, 28.6288



30.7660, -15.1676, 11.6062



32.3260, 12.1643, -28.3499

Complementary

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



28.3560, 17.0795, 28.6288



39.6440, -17.0795, -28.6288

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.



29.0200, -0.5029, -25.4505



28.3560, 17.0795, 28.6288



27.0900, -13.3554, -9.7259

Square

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



28.3560, 17.0795, 28.6288



28.5280, -14.0643, 31.1089



24.6540, -12.1544, -21.6216



33.6600, 22.3526, -29.5198

Rectangle

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



28.3560, 17.0795, 28.6288



25.3740, -3.6354, 46.1530



24.6540, -12.1544, -21.6216



31.3000, 8.2331, -27.4501

Sweetspot

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



28.3560, 17.0795, 28.6288



68.2000, 6.8034, 11.2256



13.3730, 24.4661, -7.3431



32.4830, 4.1989, 6.5924



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.



28.3560, 17.0795, 28.6288



32.9690, 24.1723, 40.3692



25.9900, 5.4279, 32.4578



28.9400, 1.0156, 0.9296



37.9250, 27.6450, 46.5468



89.2940, 65.4241, 109.3672

Inverse Universe

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



22.5700, -7.6760, 35.4571



24.8600, -10.7770, 50.1118



42.0100, -5.4279, -32.4578



28.8970, -0.4422, 1.8443



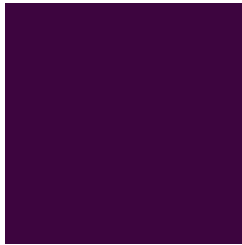
28.4480, -12.5459, 57.4891



67.2900, -29.2300, 135.6807

Previews

White Background



This preview shows how the YUV color 28.3560, 17.0795, 28.6288 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

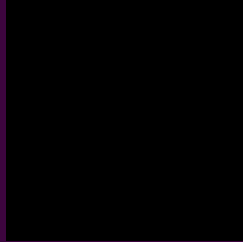
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.3560, 17.0795, 28.6288

Background



This preview shows how black text looks on a background with the YUV color 28.3560, 17.0795, 28.6288.



This preview shows how white text looks on a background with the YUV color 28.3560, 17.0795,

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

28.3560, 17.0795, 28.6288

Protanopia

28.1660, 21.6102, -24.7016

Deuteranopia

33.5390, 12.5523, -12.7507



Tritanopia

34.7960, -3.8434, 19.4729

Trichromacy



Original Color

28.3560, 17.0795, 28.6288

Protanomaly

27.9450, 20.2401, -5.2138

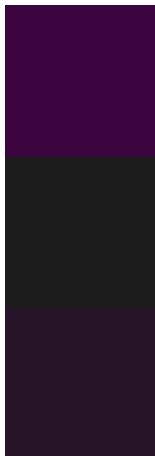
Deuteranomaly

31.6810, 13.9613, 2.0338

Tritanomaly

32.4680, 3.7133, 22.3916

Monochromacy



Original Color

28.3560, 17.0795, 28.6288

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.3740, 6.2246, 10.1960

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.3560, 17.0795, 28.6288 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(61, 5, 63)` looks like.

```
.text, #text, p{  
    color:rgb(61, 5, 63)  
}
```

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(61, 5, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 5, 63) }
```

Border

The CSS property to change the border of an element to YUV 28.3560, 17.0795, 28.6288 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(61, 5, 63) }
```


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

```
.border{ border-color:rgb(61, 5, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 5, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 5, 63); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 5, 63); box-shadow:4px  
4px 4px 4px rgb(61, 5, 63) }
```

Background

The CSS property to change the background color of an element to YUV 28.3560, 17.0795, 28.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 5, 63) }
```

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

```
.background{ background-color: rgb(61, 5,  
63) }
```

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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