

Converting Colors

YUV(28.0350, -12.8353,
56.9743)

Have a look what the booklet for
YUV(28.0350, -12.8353, 56.9743)
contains.

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Color

**YUV(28.0350, -12.8353,
56.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	5D0002
RGB	93, 0, 2
RGB Percent	36%, 0%, 1%
CMY	0.6353, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.64
HSL	359°, 100%, 18%
HSV	359°, 100%, 36%
XYZ	4.5252, 2.3315, 0.2690
YIQ	28.0350, 54.7860, 20.3380

Conversions

Conversions Part 2

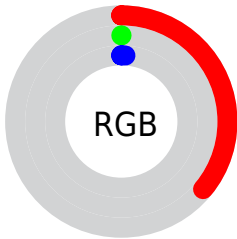
Format	Color
R_{YB}	93, 0, 2
Decimal	6094850
CIE Lab	17.14, 38.38, 25.70
CIE LCh	17, 46.190, 33.811
Yxy	2.3315, 0.6351, 0.3272
Android (android.graphics.Color)	4284284930 (0xFF5D0002)
YUV	28.0350, -12.8353, 56.9743
Hunter-Lab	15.2694, 26.1780, 9.6442

Details

The YUV color **28.0350, -12.8353, 56.9743** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **64.9650, 12.8353, -56.9743**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.7810, -17.6400, 58.0741**, and **11.7750, -5.3121, 23.8763** is the 20% darker color. If you saturate the color by 10%, you get **28.0350, -12.8353, 56.9743**, and if you desaturate by 10%, it is **34.3440, -11.5086, 51.4413**.

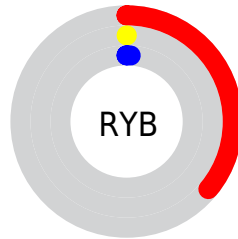
Distribution



Red (36%)

Green (0%)

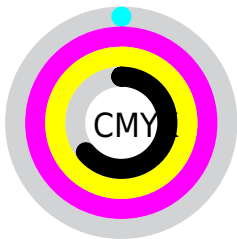
Blue (1%)



Red (36%)

Yellow (0%)

Blue (1%)

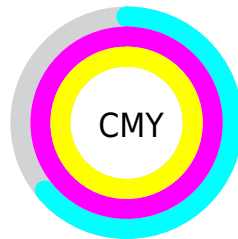


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (64%)



Cyan (64%)


Magenta (100%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.0350, -12.8353, 56.9743 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 28.0350, -12.8353, 56.9743 by changing the saturation by 10% instead.


 28.0350, -12.8353,
56.9743

 28.0350, -12.8353,
56.9743


 246.5250, -9.6258,
7.4326


 19.4350, -9.5815,
39.9605

 83.7810, -17.6400,
58.0741


 11.7750, -5.3121,
23.8763

 109.7490,
-19.1033, 60.7331

 0.0000, 0.0000,
0.0000


 136.7170,
-20.5665, 63.3922


 163.6850,
-22.0297, 66.0513


 187.2820,
-20.8450, 59.3887


 206.7960,


-17.1544, 42.2749


 226.3100,
-13.4638, 25.1611


 28.0350, -12.8353,
56.9743

 34.3440, -11.5086,
51.4413

 41.2400, -10.4713,
45.3935

 47.5490, -9.1447,
39.8605

 53.8580, -7.8180,
34.3275

 60.7540, -6.7807,
28.2797

■ 67.1770, -5.0173,
22.6468

■ 73.4860, -3.6906,
17.1138

■ 79.7950, -2.3639,
11.5808

■ 86.6910, -1.3267,
5.5330

Harmonies

Analogous

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



33.5630, 3.1734, 55.6342



28.0350, -12.8353, 56.9743



39.1600, -19.3059, 32.3087

Triad

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



28.0350, -12.8353, 56.9743



32.6100, -12.1327, -28.5990



39.5420, 34.7358, -34.6783

Complementary

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



28.0350, -12.8353, 56.9743



64.9650, 12.8353, -56.9743

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.



42.7390, 29.2157, -37.4821



28.0350, -12.8353, 56.9743



37.5290, 4.1762, -32.9129

Square

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



28.0350, -12.8353, 56.9743



32.9380, -16.2384, -18.3626



41.2910, 18.5905, -36.2122



41.9270, 27.6440, 0.0640

Rectangle

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



28.0350, -12.8353, 56.9743



40.5340, -19.9833, 16.1947



41.2910, 18.5905, -36.2122



41.1890, 33.4308, -36.1228

Sweetspot

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



28.0350, -12.8353, 56.9743



94.8780, -4.8699, 22.0320



37.5120, 27.3556, 46.0320



45.6920, -2.8062, 13.4251



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.



28.0350, -12.8353, 56.9743



36.2220, -16.3784, 73.4733



53.0480, -26.1527, 35.0379



42.4950, -0.7370, 3.0739



33.1180, -15.3412, 67.4255



71.4330, -32.7515, 145.2023

Inverse Universe

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



28.0350, -12.8353, 56.9743



36.2220, -16.3784, 73.4733



39.9520, 26.1527, -35.0379



42.4950, -0.7370, 3.0739



33.1180, -15.3412, 67.4255



71.4330, -32.7515, 145.2023

Previews

White Background



This preview shows how the YUV color 28.0350, -12.8353, 56.9743 looks on a white background.

Color Contrast Check

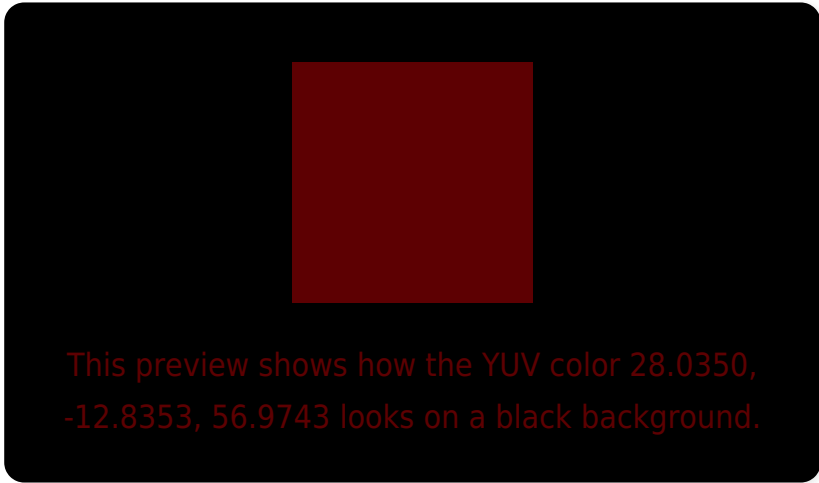
Large Text (above 18pt) WCAG AA ✓ Pass

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

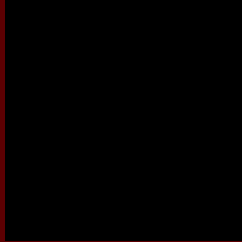
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.0350, -12.8353, 56.9743

Background



This preview shows how black text looks on a background with the YUV color 28.0350, -12.8353, 56.9743.



This preview shows how white text looks on a background with the YUV color 28.0350, -12.8353,

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

28.0350, -12.8353, 56.9743

Protanopia

44.8040, -16.1724, 7.1879

Deuteranopia

44.0560, -21.7196, 13.1059



Tritanopia

32.7910, -16.1660, 51.9263

Trichromacy



Original Color

28.0350, -12.8353, 56.9743

Protanomaly

38.8540, -15.2110, 25.5610

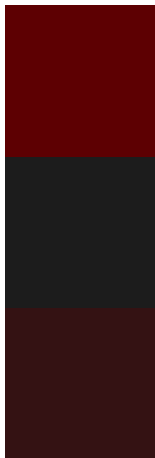
Deuteranomaly

38.3660, -18.4214, 28.6200

Tritanomaly

31.1440, -14.8610, 53.3707

Monochromacy



Original Color

28.0350, -12.8353, 56.9743

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.2800, -4.5750, 20.8024

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.0350, -12.8353, 56.9743 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(93, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(93, 0, 2)  
}
```

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(93, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 0, 2) }
```

Border

The CSS property to change the border of an element to YUV 28.0350, -12.8353, 56.9743 is called "border". The border property can be set on classes, ids or directly on the HTML element.

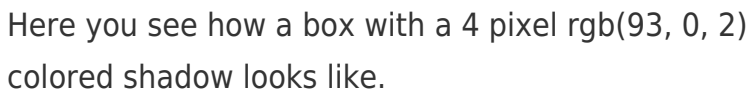
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 0, 2) }
```


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

```
.border{ border-color:rgb(93, 0, 2) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 0, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 0, 2); box-shadow:4px  
4px 4px 4px rgb(93, 0, 2) }
```

Background

The CSS property to change the background color of an element to YUV 28.0350, -12.8353, 56.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 0, 2) }
```

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

```
.background{ background-color: rgb(93, 0,  
2) }
```

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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