

# Converting Colors

YUV(32.2800, -14.4350,  
56.7594)

Have a look what the booklet for  
YUV(32.2800, -14.4350, 56.7594)  
contains.

<b>YUV(32.2800, -14.4350, 56.7594)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	30

# Color

**YUV(32.2800, -14.4350,  
56.7594)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	610503
RGB	97, 5, 3
RGB Percent	38%, 2%, 1%
CMY	0.6196, 0.9804, 0.9882
CMYK	0.00, 0.95, 0.97, 0.62
HSL	1°, 94%, 20%
HSV	1°, 97%, 38%
XYZ	5.0005, 2.6565, 0.3354
YIQ	32.2800, 55.4740, 18.8820

# Conversions

## Conversions Part 2

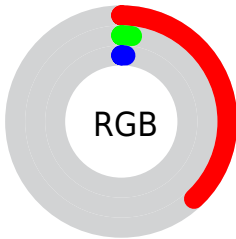
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 5, 3
Decimal	6358275
CIE Lab	18.61, 38.16, 27.29
CIE LCh	19, 46.918, 35.571
Yxy	2.6565, 0.6257, 0.3324
Android (android.graphics.Color)	4284548355 (0xFF610503)
YUV	32.2800, -14.4350, 56.7594
Hunter-Lab	16.2988, 26.2410, 10.1892

# Details

The YUV color **32.2800, -14.4350, 56.7594** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.7200, 14.4350, -56.7594**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.4390, -18.9504, 58.3740**, and **13.2700, -6.0491, 26.9502** is the 20% darker color. If you saturate the color by 10%, you get **30.1770, -14.8773, 58.6038**, and if you desaturate by 10%, it is **38.7030, -12.6716, 51.1265**.

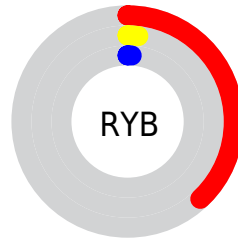
# Distribution



Red (38%)

Green (2%)

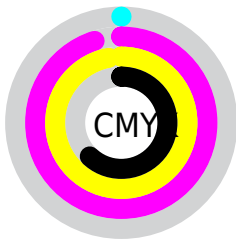
Blue (1%)



Red (38%)

Yellow (2%)

Blue (1%)

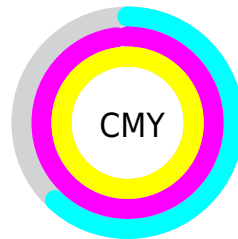


Cyan (0%)

Magenta (95%)

Yellow (97%)

Black (62%)



Cyan (62%)

Magenta (98%)


Yellow (99%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 32.2800, -14.4350, 56.7594 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 32.2800, -14.4350, 56.7594 by changing the saturation by 10% instead.





 32.2800, -14.4350,  
56.7594


 32.2800, -14.4350,  
56.7594

 248.9870,  
-10.3466, 5.2734


 20.6310, -10.1711,  
42.4196


 87.4390, -18.9504,  
58.3740

 13.2700, -6.0491,  
26.9502

 113.2930,  
-20.8504, 61.1330

 0.0000, 0.0000,  
0.0000


 140.2610,  
-22.3137, 63.7921


 167.6420,  
-23.4875, 66.9660


 189.7440,  
-21.5658, 57.2295


 209.2580,


-17.8752, 40.1157


 229.3590,  
-14.4740, 22.4872


 32.2800, -14.4350,  
56.7594


 32.2800, -14.4350,  
56.7594


 30.1770, -14.8773,  
58.6038

 38.7030, -12.6716,  
51.1265

 45.5990, -11.6343,  
45.0787

 52.0220, -9.8708,  
39.4457

 59.0320, -8.3968,  
33.2979

 65.4550, -6.6333,  
27.6650

■ 72.3510, -5.5960,  
21.6172

■ 78.7740, -3.8326,  
15.9842

■ 85.7840, -2.3585,  
9.8364

■ 92.0930, -1.0318,  
4.3034

# Harmonies

## Analogous

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



35.1720, 2.8732, 58.6082



32.2800, -14.4350, 56.7594



42.4050, -20.9057, 32.0938

# Triad

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



32.2800, -14.4350, 56.7594



35.0550, -10.3801, -30.7432



41.1720, 35.9042, -36.1078

# Complementary

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



32.2800, -14.4350, 56.7594



67.7200, 14.4350, -56.7594

# 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.



45.1840, 30.9683, -39.6264



32.2800, -14.4350, 56.7594



40.4470, 5.2026, -35.4720

# Square

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



32.2800, -14.4350, 56.7594



35.2860, -17.3960, -20.4218



44.3230, 20.0538, -38.8713



45.0630, 28.0699, 3.4527



# Rectangle

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



32.2800, -14.4350, 56.7594



42.8930, -21.1462, 15.8798



44.3230, 20.0538, -38.8713



43.5200, 34.7466, -38.1670

# Sweetspot

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



32.2800, -14.4350, 56.7594



99.7640, -5.3067, 22.1320



41.5940, 26.3292, 48.5911



48.4640, -3.6798, 13.6251



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



32.2800, -14.4350, 56.7594



39.1360, -19.2940, 75.3027



59.8690, -28.0364, 32.5639



45.1960, -0.5896, 2.4591



34.6620, -17.0884, 67.8254



74.6950, -36.8246, 144.9725



# Inverse Universe

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



67.7200, 14.4350, -56.7594



85.8640, 19.2940, -75.3027



40.1310, 28.0364, -32.5639



46.8040, 0.5896, -2.4591



77.3380, 17.0884, -67.8254

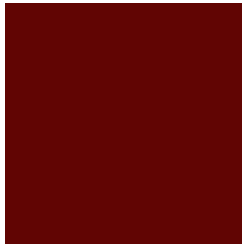


165.3050, 36.8246, -144.9725



# Previews

## White Background



This preview shows how the YUV color 32.2800, -14.4350, 56.7594 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

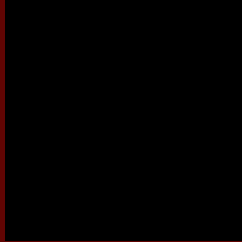
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 32.2800, -14.4350, 56.7594

## Background



This preview shows how black text looks on a background with the YUV color 32.2800, -14.4350, 56.7594.



This preview shows how white text looks on a background with the YUV color 32.2800, -14.4350,



# 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

32.2800, -14.4350, 56.7594

### Protanopia

46.6900, -16.6092, 7.2879

### Tritanopia

33.9870, -16.7556, 54.3854

# Trichromacy



## Original Color

32.2800, -14.4350, 56.7594

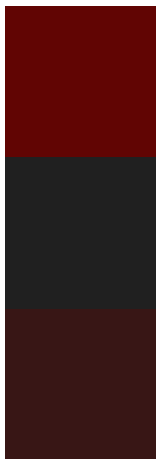
## Protanomaly

41.3270, -15.9372, 25.1462

## Tritanomaly

33.5140, -16.0294, 54.8002

# Monochromacy



## Original Color

32.2800, -14.4350, 56.7594

## Achromatopsia

32.0000, 0.0000, 0.0000

## Achromatomaly

32.0520, -5.4486, 21.0024

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 32.2800, -14.4350, 56.7594 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(97, 5, 3)` looks like.

```
.text, #text, p{  
    color:rgb(97, 5, 3)  
}
```

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(97, 5, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 5, 3) }
```

## Border

The CSS property to change the border of an element to YUV 32.2800, -14.4350, 56.7594 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(97, 5, 3) }
```

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

```
.border{ border-color:rgb(97, 5, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 5, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 5, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 5, 3); box-shadow:4px  
4px 4px 4px rgb(97, 5, 3) }
```



# Background

The CSS property to change the background color of an element to YUV 32.2800, -14.4350, 56.7594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 5, 3) }
```

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

```
.background{ background-color: rgb(97, 5,  
3) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor