

Converting Colors

YUV(65.2250, -28.2119, -4.5823)

Have a look what the booklet for
YUV(65.2250, -28.2119, -4.5823)
contains.

YUV(65.2250, -28.2119, -4.5823)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(65.2250, -28.2119,
-4.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4F08
RGB	60, 79, 8
RGB Percent	24%, 31%, 3%
CMY	0.7647, 0.6902, 0.9686
CMYK	0.24, 0.00, 0.90, 0.69
HSL	76°, 82%, 17%
HSV	76°, 90%, 31%
XYZ	4.7033, 6.5702, 1.2500
YIQ	65.2250, 11.4670, -26.1090

Conversions

Conversions Part 2

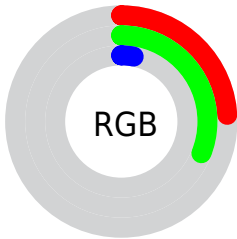
Format	Color
RYB	8, 79, 27
Decimal	3952392
CIELab	30.81, -18.19, 35.59
CIElCh	31, 39.965, 117.077
Yxy	6.5702, 0.3756, 0.5246
Android (android.graphics.Color)	4282142472 (0xFF3C4F08)
YUV	65.2250, -28.2119, -4.5823
Hunter-Lab	25.6323, -12.1035, 15.0512

Details

The YUV color **65.2250, -28.2119, -4.5823** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **21.7750, 28.2119, 4.5823**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6380, -27.9225, -4.0675**, and **23.8340, -11.7502, -11.2554** is the 20% darker color. If you saturate the color by 10%, you get **63.7150, -31.4115, -5.0121**, and if you desaturate by 10%, it is **66.7350, -25.0124, -4.1526**.

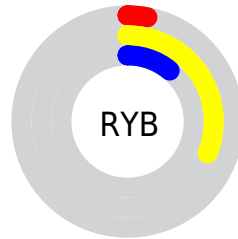
Distribution



 Red (24%)

 Green (31%)

 Blue (3%)




 Red (3%)

 Yellow (31%)

 Blue (11%)

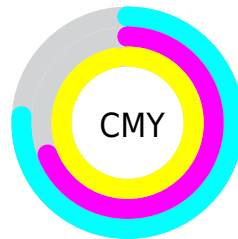


 Cyan (24%)


 Magenta (0%)

 Yellow (90%)

 Black (69%)



 Cyan (76%)

 Magenta (69%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.2250, -28.2119, -4.5823 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 65.2250, -28.2119, -4.5823 by changing the saturation by 10% instead.

■ 65.2250, -28.2119,
-4.5823

■ 65.2250, -28.2119,
-4.5823

■ 253.6320, -5.2416,
1.1997

■ 44.2340, -21.8074,
-5.4672

■ 114.6380,
-27.9225, -4.0675

■ 23.8340, -11.7502,
-11.2554

■ 140.4100,
-28.7961, -3.8676

■ 3.5220, -1.7363,
-3.0888

■ 167.1820,
-29.6697, -3.6676

■ 0.0000, 0.0000,
0.0000


■ 194.9540,
-30.5433, -3.4677


■ 222.8400,
-30.9801, -3.3677


■ 245.1550,


-28.6704, 2.4951


 250.4400,
-17.4719, 3.9991


 65.2250, -28.2119,
-4.5823


 65.2250, -28.2119,
-4.5823


 63.7150, -31.4115,
-5.0121

 66.7350, -25.0124,
-4.1526

 68.2450, -21.8128,
-3.7229

 69.7550, -18.6132,
-3.2931

 71.2650, -15.4136,
-2.8634

 73.0740, -12.3615,
-1.8189

■ 74.4700, -9.5987,
-1.2892

■ 75.9800, -6.3991,
-0.8595

■ 77.4900, -3.1996,
-0.4297

■ 79.0000, 0.0000,
0.0000

Harmonies

Analogous

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



68.0000, -33.5240, 19.2940



65.2250, -28.2119, -4.5823



55.9180, -9.3266, -42.0241

Triad

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



65.2250, -28.2119, -4.5823



63.5580, 30.2909, -55.7404



70.5190, 3.1951, 48.6568

Complementary

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



65.2250, -28.2119, -4.5823



21.7750, 28.2119, 4.5823

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.



74.1280, 16.2059, 28.8287



65.2250, -28.2119, -4.5823



60.5890, 36.6846, -53.1366

Square

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



65.2250, -28.2119, -4.5823



62.4690, 18.5028, -54.7853



73.0680, 27.0815, -6.1986



69.6320, -11.6506, 50.3117

Rectangle

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



65.2250, -28.2119, -4.5823



56.9800, 0.0099, -49.9715



73.0680, 27.0815, -6.1986



71.6370, 7.5740, 44.1684

Sweetspot

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



65.2250, -28.2119, -4.5823



96.7150, -11.1985, -1.5041



40.3820, -15.9643, 33.8680



47.9800, -6.3991, -0.8595



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



65.2250, -28.2119, -4.5823



82.2990, -40.5734, -6.4012



54.7600, -23.0527, -26.0995



37.2450, -1.5998, -0.2149



185.2420, -91.3243, -15.1212

Inverse Universe

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



21.7750, 28.2119, 4.5823



19.7010, 40.5734, 6.4012



32.2400, 23.0527, 26.0995



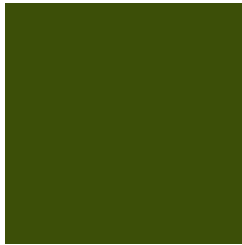
34.7550, 1.5998, 0.2149



44.4590, 91.4717, 14.5065

Previews

White Background



This preview shows how the YUV color 65.2250, -28.2119, -4.5823 looks on a white background.

Color Contrast Check

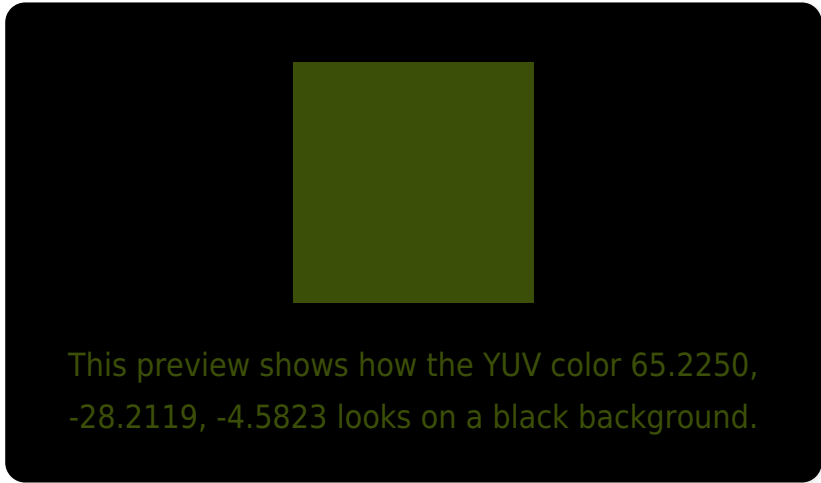
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.2250, -28.2119, -4.5823

Background



This preview shows how black text looks on a background with the YUV color 65.2250, -28.2119, -4.5823.



This preview shows how white text looks on a background with the YUV color 65.2250, -28.2119,

-4.5823.

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

65.2250, -28.2119, -4.5823

Protanopia

67.9390, -31.0289, 12.3315

Deuteranopia

69.5360, -26.3932, 18.8239



Tritanopia

71.8900, 3.5052, -4.2885

Trichromacy



Original Color

65.2250, -28.2119, -4.5823

Protanomaly

66.8350, -29.9917, 6.2837

Deuteranomaly

68.2530, -27.2397, 10.3021

Tritanomaly

69.2030, -7.9881, -4.5630

Monochromacy



Original Color

65.2250, -28.2119, -4.5823

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9430, -10.3249, -1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.2250, -28.2119, -4.5823 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(60, 79, 8)` looks like.

```
.text, #text, p{  
    color:rgb(60, 79, 8)  
}
```

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(60, 79, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 79, 8) }
```

Border

The CSS property to change the border of an element to YUV 65.2250, -28.2119, -4.5823 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(60, 79, 8) }
```

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

```
.border{ border-color:rgb(60, 79, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 79, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 79, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 79, 8); box-shadow:4px  
4px 4px 4px rgb(60, 79, 8) }
```

Background

The CSS property to change the background color of an element to YUV 65.2250, -28.2119, -4.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 79, 8) }
```

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

```
.background{ background-color: rgb(60, 79,  
8) }
```

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