

Converting Colors

YUV(70.2250, -28.2119, -4.5823)

Have a look what the booklet for
YUV(70.2250, -28.2119, -4.5823)
contains.

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Color

**YUV(70.2250, -28.2119,
-4.5823)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 41540D |
| RGB | 65, 84, 13 |
| RGB Percent | 25%, 33%, 5% |
| CMY | 0.7451, 0.6706, 0.9490 |
| CMYK | 0.23, 0.00, 0.85, 0.67 |
| HSL | 76°, 73%, 19% |
| HSV | 76°, 85%, 33% |
| XYZ | 5.4229, 7.4935, 1.5413 |
| YIQ | 70.2250, 11.4670, -26.1090 |

Conversions

Conversions Part 2

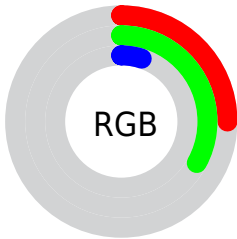
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 13, 84, 32 |
| Decimal | 4281357 |
| CIELab | 32.91, -18.31, 35.94 |
| CIElCh | 33, 40.333, 116.999 |
| Yxy | 7.4935, 0.3751, 0.5183 |
| Android (android.graphics.Color) | 4282471437 (0xFF41540D) |
| YUV | 70.2250, -28.2119, -4.5823 |
| Hunter-Lab | 27.3743, -12.5436, 15.8236 |

Details

The YUV color **70.2250, -28.2119, -4.5823** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **26.7750, 28.2119, 4.5823**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1110, -28.6487, -4.4823**, and **27.9760, -13.7922, -9.6260** is the 20% darker color. If you saturate the color by 10%, you get **68.7150, -31.4115, -5.0121**, and if you desaturate by 10%, it is **71.7350, -25.0124, -4.1526**.

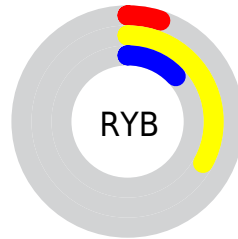
Distribution



 Red (25%)


 Green (33%)

 Blue (5%)



 Red (5%)

 Yellow (33%)

 Blue (13%)

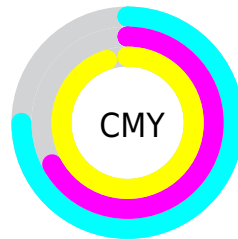


 Cyan (23%)

 Magenta (0%)

 Yellow (85%)

 Black (67%)



 Cyan (75%)

 Magenta (67%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2250, -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 70.2250, -28.2119, -4.5823 by changing the saturation by 10% instead.

70.2250, -28.2119,
-4.5823

70.2250, -28.2119,
-4.5823

254.3160, -2.6208,
0.5999

48.3650, -23.8439,
-5.5821

120.1110,
-28.6487, -4.4823

27.9760, -13.7922,
-9.6260

146.2960,
-29.2329, -3.7676

10.5660, -5.2090,
-9.2664

173.0680,
-30.1065, -3.5676


0.0000, 0.0000,
0.0000


200.8400,
-30.9801, -3.3677


228.6120,
-31.8537, -3.1677


247.5190,


-27.3709, 5.6838


 251.0100,
-15.2879, 3.4992


 70.2250, -28.2119,
-4.5823


 70.2250, -28.2119,
-4.5823


 68.7150, -31.4115,
-5.0121


 71.7350, -25.0124,
-4.1526

 67.8460, -33.4481,
-5.1269

 73.3590, -21.3760,
-3.8228

 75.1680, -18.3238,
-2.7783

 76.7920, -14.6875,
-2.4486

 78.3020, -11.4879,
-2.0189

■ 79.8120, -8.2883,
-1.5891

■ 81.7350, -4.7994,
-0.6446

■ 83.2450, -1.5998,
-0.2149

■ 84.8690, 2.0366,
0.1149

Harmonies

Analogous

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



73.1850, -34.1082, 20.0088



70.2250, -28.2119, -4.5823



61.9890, -10.3476, -41.2094

Triad

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



70.2250, -28.2119, -4.5823



67.0630, 31.0279, -58.8143



75.8180, 3.0477, 49.2716

Complementary

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



70.2250, -28.2119, -4.5823



26.7750, 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.



79.5410, 16.4953, 29.3435



70.2250, -28.2119, -4.5823



64.2080, 37.8585, -56.3104

Square

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



70.2250, -28.2119, -4.5823



65.9740, 19.2398, -57.8592



77.5950, 27.8077, -5.7838



74.8170, -12.2348, 51.0265

Rectangle

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



70.2250, -28.2119, -4.5823



60.4850, 0.7469, -53.0453



77.5950, 27.8077, -5.7838



77.0500, 7.8634, 44.6832

Sweetspot

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



70.2250, -28.2119, -4.5823



104.4160, -11.0511, -2.1188



45.3820, -15.9643, 33.8680



52.8660, -6.8359, -0.7595



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



70.2250, -28.2119, -4.5823



88.4900, -43.6256, -7.4457



59.7600, -23.0527, -26.0995



40.2450, -1.5998, -0.2149



84.6580, -41.7364, -6.7161



187.0140, -92.1979, -14.9213

Inverse Universe

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



26.7750, 28.2119, 4.5823



21.2110, 43.7730, 6.8310



37.2400, 23.0527, 26.0995



37.7550, 1.5998, 0.2149



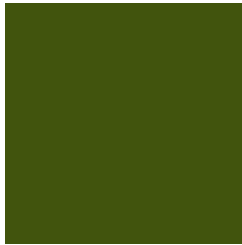
20.3420, 41.7364, 6.7161



44.9860, 92.1979, 14.9213

Previews

White Background



This preview shows how the YUV color 70.2250, -28.2119, -4.5823 looks on a white background.

Color Contrast Check

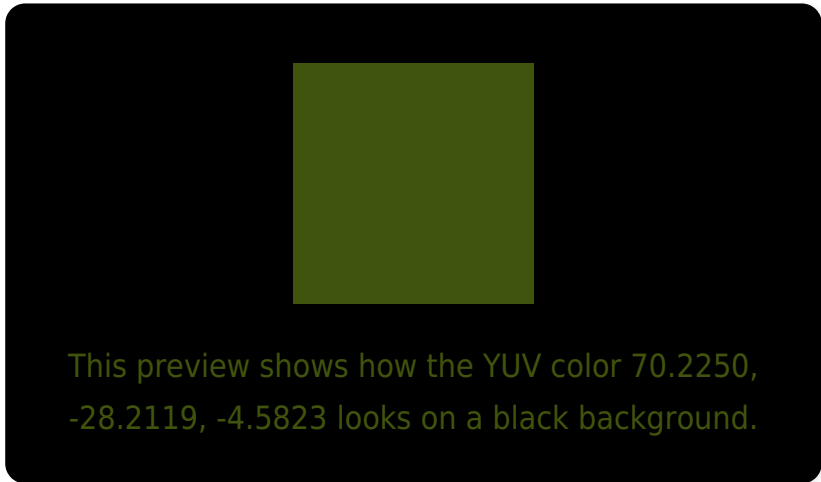
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.2250, -28.2119, -4.5823

Background



This preview shows how black text looks on a background with the YUV color 70.2250, -28.2119, -4.5823.



This preview shows how white text looks on a background with the YUV color 70.2250, -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

70.2250, -28.2119, -4.5823

Protanopia

73.0530, -30.5921, 12.2315

Deuteranopia

74.1340, -26.6881, 20.0535



Tritanopia

76.8900, 3.5052, -4.2885

Trichromacy



Original Color

70.2250, -28.2119, -4.5823

Protanomaly

71.9490, -29.5549, 6.1837

Deuteranomaly

72.5520, -27.3871, 10.9169

Tritanomaly

74.2030, -7.9881, -4.5630

Monochromacy



Original Color

70.2250, -28.2119, -4.5823

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9430, -10.3249, -1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2250, -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(65, 84, 13)` looks like.

```
.text, #text, p{  
    color:rgb(65, 84, 13)  
}
```

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(65, 84, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 84, 13) }
```

Border

The CSS property to change the border of an element to YUV 70.2250, -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(65, 84, 13) }
```


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

```
.border{ border-color:rgb(65, 84, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 84, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 84, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 84, 13);  
box-shadow:4px 4px 4px 4px rgb(65, 84, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.2250, -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(65, 84, 13) }
```

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

```
.background{ background-color: rgb(65, 84,  
13) }
```

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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