

Converting Colors

YUV(56.2430, -21.8118,
42.7599)

Have a look what the booklet for
YUV(56.2430, -21.8118, 42.7599)
contains.

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Color

**YUV(56.2430, -21.8118,
42.7599)**

Conversions

Conversions Part 1

Format	Color
Hex	69280C
RGB	105, 40, 12
RGB Percent	41%, 16%, 5%
CMY	0.5882, 0.8431, 0.9529
CMYK	0.00, 0.62, 0.89, 0.59
HSL	18°, 79%, 23%
HSV	18°, 89%, 41%
XYZ	6.6509, 4.5474, 0.8750
YIQ	56.2430, 47.7280, 5.0720

Conversions

Conversions Part 2

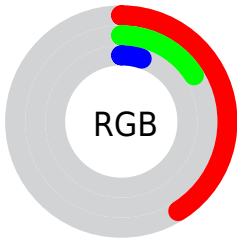
Format	Color
R_{YB}	105, 52, 12
Decimal	6891532
CIE Lab	25.40, 27.57, 31.28
CIE LCh	25, 41.701, 48.609
Yxy	4.5474, 0.5509, 0.3766
Android (android.graphics.Color)	4285081612 (0xFF69280C)
YUV	56.2430, -21.8118, 42.7599
Hunter-Lab	21.3246, 18.3537, 12.4943

Details

The YUV color **56.2430, -21.8118, 42.7599** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **60.7570, 21.8118, -42.7599**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.4780, -24.8857, 48.6928**, and **15.2490, -7.5178, 31.3536** is the 20% darker color. If you saturate the color by 10%, you get **50.9940, -24.1540, 47.3633**, and if you desaturate by 10%, it is **61.6060, -19.0328, 38.0565**.

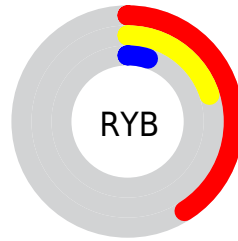
Distribution



Red (41%)

Green (16%)

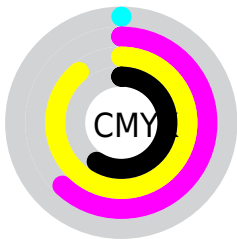
Blue (5%)



Red (41%)

Yellow (20%)

Blue (5%)

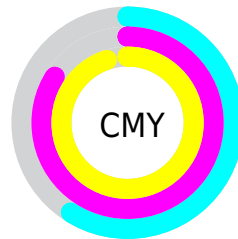


Cyan (0%)

Magenta (62%)

Yellow (89%)

Black (59%)



Cyan (59%)


Magenta (84%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 56.2430, -21.8118, 42.7599 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 56.2430, -21.8118, 42.7599 by changing the saturation by 10% instead.


 56.2430, -21.8118,
42.7599


 56.2430, -21.8118,
42.7599


 253.1760, -6.9888,
1.5996


 32.7140, -16.1280,
39.7158

 106.4780,
-24.8857, 48.6928


 15.2490, -7.5178,
31.3536


 132.5600,
-25.9121, 51.2519

 5.3820, -2.6533,
11.0660

 159.2290,
-27.2279, 53.2962

 0.0000, 0.0000,
0.0000

 186.4250,
-27.8175, 55.7553

 207.3200,
-25.3008, 41.8154

 226.8340,

-21.6102, 24.7016

■ 246.4620,
-17.4828, 7.4878

■ 56.2430, -21.8118,
42.7599

■ 56.2430, -21.8118,
42.7599

■ 50.9940, -24.1540,
47.3633

■ 61.6060, -19.0328,
38.0565

■ 50.1790, -24.7382,
48.0780

■ 67.4420, -16.9799,
32.9384

■ 72.6910, -14.6377,
28.3350

■ 78.0540, -11.8586,
23.6316

■ 84.0040, -9.3690,
18.4135

■ 89.2530, -7.0267,
13.8101

■ 94.6160, -4.2477,
9.1068

■ 100.4520, -2.1948,
3.9886

■ 105.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



54.4350, -6.1305, 53.1155



56.2430, -21.8118, 42.7599



56.8140, -28.0093, 23.8421

Triad

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



56.2430, -21.8118, 42.7599



48.2090, -0.5960, -42.2793



55.6250, 32.2299, -24.2271

Complementary

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



56.2430, -21.8118, 42.7599



60.7570, 21.8118, -42.7599

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.



53.3510, 34.3370, -46.7888



56.2430, -21.8118, 42.7599



52.5580, 13.5289, -46.0934

Square

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



56.2430, -21.8118, 42.7599



46.1490, -16.3425, -31.7027



55.0490, 25.6118, -48.2780



61.6970, 19.8694, 20.4367

Rectangle

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



56.2430, -21.8118, 42.7599



56.1280, -27.6711, 8.6577



55.0490, 25.6118, -48.2780



49.8290, 36.0733, -43.7000

Sweetspot

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



56.2430, -21.8118, 42.7599



118.5200, -8.6374, 17.0840



47.2170, 14.6830, 50.6757



57.1000, -4.9793, 10.4363



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



56.2430, -21.8118, 42.7599



65.3290, -32.2072, 63.7325



83.2450, -35.1238, 19.0791



50.9680, -1.4632, 2.6591



55.5280, -27.3753, 53.9109



116.6930, -57.5296, 112.5252

Inverse Universe

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



60.7570, 21.8118, -42.7599



72.0840, 32.4966, -63.2177



33.7550, 35.1238, -19.0791



51.0320, 1.4632, -2.6591



61.4720, 27.3753, -53.9109



128.3070, 57.5296, -112.5252

Previews

White Background



This preview shows how the YUV color 56.2430, -21.8118, 42.7599 looks on a white background.

Color Contrast Check

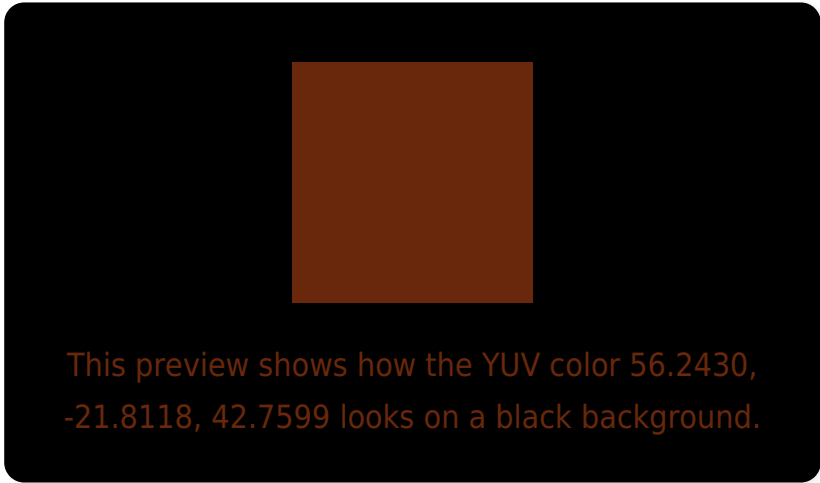
Large Text (above 18pt) WCAG AA ✓ Pass

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

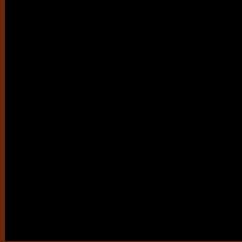
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.2430, -21.8118, 42.7599

Background



This preview shows how black text looks on a background with the YUV color 56.2430, -21.8118, 42.7599.



This preview shows how white text looks on a background with the YUV color 56.2430, -21.8118,

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

56.2430, -21.8118, 42.7599

Protanopia

58.9630, -20.6878, 8.8024

Deuteranopia

57.3680, -28.2824, 18.0943



Tritanopia

57.9730, -8.8607, 42.1197

Trichromacy



Original Color

56.2430, -21.8118, 42.7599

Protanomaly

57.9260, -21.1625, 21.1129

Deuteranomaly

56.7050, -25.9836, 27.4457

Tritanomaly

57.4200, -13.5181, 42.6047

Monochromacy



Original Color

56.2430, -21.8118, 42.7599

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0360, -7.9057, 15.7544

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.2430, -21.8118, 42.7599 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(105, 40, 12)` looks like.

```
.text, #text, p{  
    color:rgb(105, 40, 12)  
}
```

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(105, 40, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 40, 12) }
```

Border

The CSS property to change the border of an element to YUV 56.2430, -21.8118, 42.7599 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(105, 40, 12) }
```


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

```
.border{ border-color:rgb(105, 40, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 40, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 40, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 40, 12);  
box-shadow:4px 4px 4px 4px rgb(105, 40,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 56.2430, -21.8118, 42.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 40, 12) }
```

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

```
.background{ background-color: rgb(105, 40,  
12) }
```

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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