

Converting Colors

YUV(56.6490, -21.0260,
23.9868)

Have a look what the booklet for
YUV(56.6490, -21.0260, 23.9868)
contains.

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Color

**YUV(56.6490, -21.0260,
23.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	54330E
RGB	84, 51, 14
RGB Percent	33%, 20%, 5%
CMY	0.6706, 0.8000, 0.9451
CMYK	0.00, 0.39, 0.83, 0.67
HSL	32°, 71%, 19%
HSV	32°, 83%, 33%
XYZ	4.9192, 4.2842, 0.9831
YIQ	56.6490, 31.5450, -4.5110

Conversions

Conversions Part 2

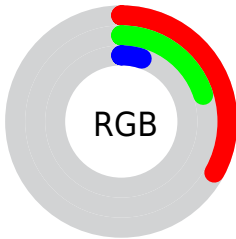
Format	Color
RYB	76, 84, 14
Decimal	5518094
CIELab	24.59, 11.38, 28.34
CIELCh	25, 30.535, 68.122
Yxy	4.2842, 0.4829, 0.4206
Android (android.graphics.Color)	4283708174 (0xFF54330E)
YUV	56.6490, -21.0260, 23.9868
Hunter-Lab	20.6983, 6.2012, 11.6726

Details

The YUV color **56.6490, -21.0260, 23.9868** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **41.3510, 21.0260, -23.9868**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5140, -22.9314, 28.4902**, and **14.5740, -7.1850, 17.9136** is the 20% darker color. If you saturate the color by 10%, you get **53.3890, -23.3628, 26.8458**, and if you desaturate by 10%, it is **59.9090, -18.6891, 21.1278**.

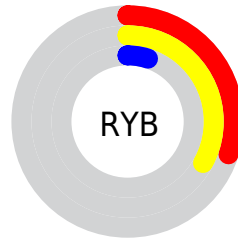
Distribution



Red (33%)

Green (20%)

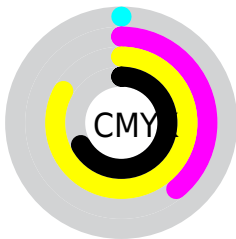
Blue (5%)



Red (30%)

Yellow (33%)

Blue (5%)

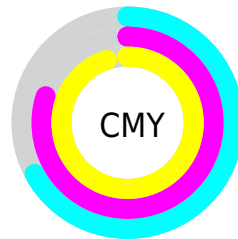


Cyan (0%)

Magenta (39%)

Yellow (83%)

Black (67%)



Cyan (67%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.6490, -21.0260, 23.9868 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 56.6490, -21.0260, 23.9868 by changing the saturation by 10% instead.

■ 56.6490, -21.0260,
23.9868

■ 56.6490, -21.0260,
23.9868

■ 253.5180, -5.6784,
1.2997

■ 35.2510, -17.3787,
20.8279

■ 104.5140,
-22.9314, 28.4902

■ 14.5740, -7.1850,
17.9136

■ 129.9980,
-23.6630, 29.8198

■ 0.0000, 0.0000,
0.0000

■ 156.7810,
-24.5420, 31.7641


■ 183.8520,
-25.5630, 32.5788


■ 211.6350,
-26.4421, 34.5231


■ 232.3450,


-23.3411, 19.8684


 250.2120,
-18.3455, 4.1991


 56.6490, -21.0260,
23.9868


 56.6490, -21.0260,
23.9868


 53.3890, -23.3628,
26.8458


 59.9090, -18.6891,
21.1278

 50.9440, -25.1154,
28.9901

 63.2830, -15.9155,
18.1688

 66.5430, -13.5787,
15.3098

 69.9170, -10.8051,
12.3508

 73.1770, -8.4683,
9.4918

■ 76.4370, -6.1314,
6.6328

■ 79.8110, -3.3578,
3.6738

■ 83.0710, -1.0210,
0.8147

■ 86.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



57.1910, -12.9122, 34.9125



56.6490, -21.0260, 23.9868



54.9800, -23.1611, 8.7875

Triad

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



56.6490, -21.0260, 23.9868



47.7990, 7.9871, -41.9197



60.5120, 17.0026, 6.5670

Complementary

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



56.6490, -21.0260, 23.9868



41.3510, 21.0260, -23.9868

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.



53.0670, 25.1100, -27.2458



56.6490, -21.0260, 23.9868



50.3070, 17.5966, -44.1192

Square

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



56.6490, -21.0260, 23.9868



44.4760, -2.2067, -39.0055



49.6690, 25.3062, -43.5597



59.3530, 8.2070, 27.7544

Rectangle

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



56.6490, -21.0260, 23.9868



53.2280, -19.3394, -3.7080



49.6690, 25.3062, -43.5597



59.1410, 19.6505, -2.7547

Sweetspot

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



56.6490, -21.0260, 23.9868



99.1770, -8.4683, 9.4918



38.8060, 4.5326, 39.6351



49.3660, -5.1104, 5.8180



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.



56.6490, -21.0260, 23.9868



66.9360, -32.9994, 37.7671



75.7210, -30.4285, 6.3837



39.3700, -1.1684, 1.4295



63.6800, -31.3942, 36.2376



141.5690, -69.7935, 79.3080

Inverse Universe

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



41.3510, 21.0260, -23.9868



43.0640, 32.9994, -37.7671



22.2790, 30.4285, -6.3837



38.6300, 1.1684, -1.4295



40.7330, 31.6836, -35.7228



90.4310, 69.7935, -79.3080

Previews

White Background



This preview shows how the YUV color 56.6490, -21.0260, 23.9868 looks on a white background.

Color Contrast Check

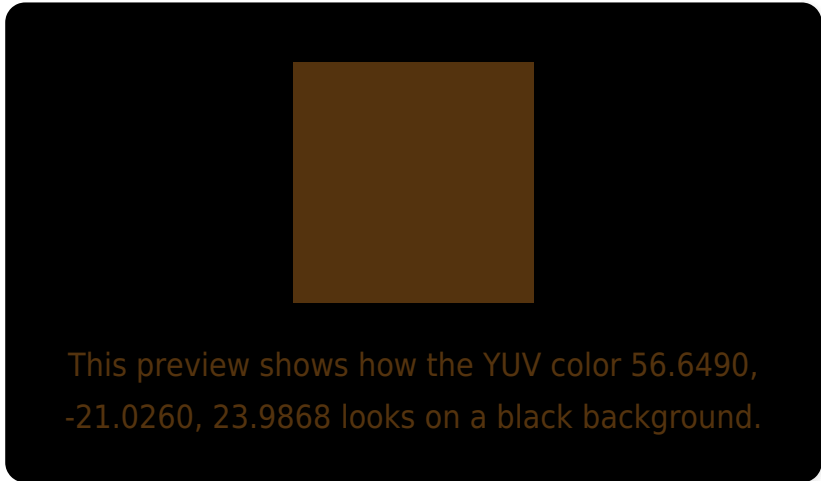
Large Text (above 18pt) WCAG AA ✓ Pass

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

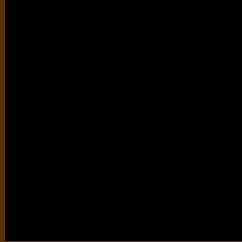
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.6490, -21.0260, 23.9868

Background



This preview shows how black text looks on a background with the YUV color 56.6490, -21.0260, 23.9868.



This preview shows how white text looks on a background with the YUV color 56.6490, -21.0260,

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

56.6490, -21.0260, 23.9868

Protanopia

56.1910, -19.8142, 8.6025

Deuteranopia

56.2520, -22.3092, 15.5650



Tritanopia

59.7040, -4.2911, 23.0616

Trichromacy



Original Color

56.6490, -21.0260, 23.9868

Protanomaly

56.4090, -20.4146, 14.5503

Deuteranomaly

56.3880, -21.8833, 18.9537

Tritanomaly

58.5100, -10.1114, 23.2317

Monochromacy



Original Color

56.6490, -21.0260, 23.9868

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9920, -7.8841, 8.7770

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.6490, -21.0260, 23.9868 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(84, 51, 14)` looks like.

```
.text, #text, p{  
    color:rgb(84, 51, 14)  
}
```

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(84, 51, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 51, 14) }
```

Border

The CSS property to change the border of an element to YUV 56.6490, -21.0260, 23.9868 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(84, 51, 14) }
```


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

```
.border{ border-color:rgb(84, 51, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 51, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 51, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 51, 14);  
box-shadow:4px 4px 4px 4px rgb(84, 51, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.6490, -21.0260, 23.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 51, 14) }
```

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

```
.background{ background-color: rgb(84, 51,  
14) }
```

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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