

Converting Colors

YUV(52.0430, -25.1642,
44.6893)

Have a look what the booklet for
YUV(52.0430, -25.1642, 44.6893)
contains.

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Color

**YUV(52.0430, -25.1642,
44.6893)**

Conversions

Conversions Part 1

Format	Color
Hex	672401
RGB	103, 36, 1
RGB Percent	40%, 14%, 0%
CMY	0.5961, 0.8588, 0.9961
CMYK	0.00, 0.65, 0.99, 0.60
HSL	21°, 98%, 20%
HSV	21°, 99%, 40%
XYZ	6.2299, 4.1475, 0.5009
YIQ	52.0430, 51.1670, 3.3190

Conversions

Conversions Part 2

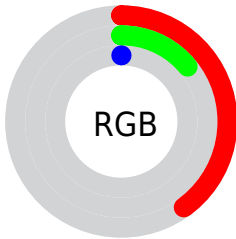
Format	Color
RYB	103, 54, 1
Decimal	6759425
CIELab	24.15, 28.52, 34.48
CIElCh	24, 44.747, 50.401
Yxy	4.1475, 0.5727, 0.3813
Android (android.graphics.Color)	4284949505 (0xFF672401)
YUV	52.0430, -25.1642, 44.6893
Hunter-Lab	20.3654, 18.9644, 12.7975

Details

The YUV color **52.0430, -25.1642, 44.6893** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.9570, 25.1642, -44.6893**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.6200, -26.9277, 50.3223**, and **14.6510, -7.2229, 30.1241** is the 20% darker color. If you saturate the color by 10%, you get **51.3420, -25.3116, 45.3041**, and if you desaturate by 10%, it is **57.2920, -22.8220, 40.0859**.

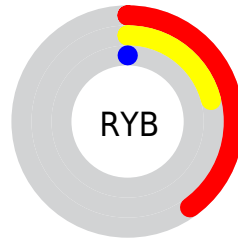
Distribution



Red (40%)

Green (14%)

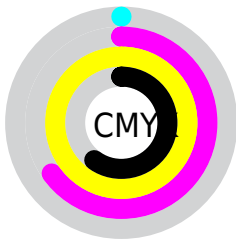
Blue (0%)



Red (40%)

Yellow (21%)

Blue (0%)

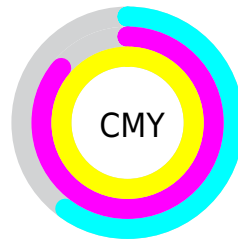


Cyan (0%)

Magenta (65%)

Yellow (99%)

Black (60%)



Cyan (60%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.0430, -25.1642, 44.6893 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 52.0430, -25.1642, 44.6893 by changing the saturation by 10% instead.

■ 52.0430, -25.1642,
44.6893

■ 52.0430, -25.1642,
44.6893

■ 252.0360,
-11.3567, 2.5994

■ 29.4690, -14.5282,
39.9307

■ 102.6200,
-26.9277, 50.3223

■ 14.6510, -7.2229,
30.1241

■ 128.5880,
-28.3909, 52.9813

■ 2.6910, -1.3267,
5.5330

■ 154.9690,
-29.5647, 56.1552


■ 0.0000, 0.0000,
0.0000


■ 182.7520,
-30.4437, 58.0995


■ 203.3590,
-27.7850, 45.2892


■ 222.7590,


-24.5312, 28.2754


 242.9740,
-20.6932, 10.5468


 52.0430, -25.1642,
44.6893


 52.0430, -25.1642,
44.6893


 51.3420, -25.3116,
45.3041

 57.2920, -22.8220,
40.0859

 62.6550, -20.0429,
35.3826

 67.3170, -17.4113,
31.2940

 72.5660, -15.0690,
26.6906

 77.9290, -12.2900,
21.9873

■ 83.1780, -9.9478,
17.3839

■ 87.8400, -7.3161,
13.2953

■ 93.0890, -4.9739,
8.6919

■ 98.4520, -2.1948,
3.9886

Harmonies

Analogous

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



48.4680, -6.1467, 58.3486



52.0430, -25.1642, 44.6893



54.4440, -26.8409, 22.4126

Triad

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



52.0430, -25.1642, 44.6893



46.8070, -0.8909, -41.0497



51.7820, 34.1245, -25.2418

Complementary

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



52.0430, -25.1642, 44.6893



51.9570, 25.1642, -44.6893

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.



52.2910, 35.3525, -45.8592



52.0430, -25.1642, 44.6893



51.3840, 14.1077, -45.0638

Square

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



52.0430, -25.1642, 44.6893



40.8280, -16.1842, -35.8062



53.5160, 27.3536, -46.9335



57.7730, 21.3109, 24.7551

Rectangle

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



52.0430, -25.1642, 44.6893



53.4590, -26.3553, 6.6135



53.5160, 27.3536, -46.9335



48.1820, 37.3783, -42.2556

Sweetspot

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



52.0430, -25.1642, 44.6893



115.1780, -9.9478, 17.3839



39.2500, 14.6668, 55.9087



56.7580, -6.2897, 10.7362



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.



52.0430, -25.1642, 44.6893



67.3670, -33.2119, 59.3141



81.3930, -39.6337, 18.9493



48.6690, -1.3158, 2.0443



57.2780, -28.2381, 50.6222



121.0790, -59.6919, 106.0477

Inverse Universe

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



51.9570, 25.1642, -44.6893



67.6330, 33.2119, -59.3141



22.6070, 39.6337, -18.9493



48.3310, 1.3158, -2.0443



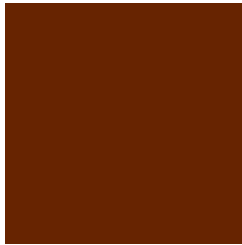
57.1350, 28.5274, -50.1074



120.9210, 59.6919, -106.0477

Previews

White Background



This preview shows how the YUV color 52.0430, -25.1642, 44.6893 looks on a white background.

Color Contrast Check

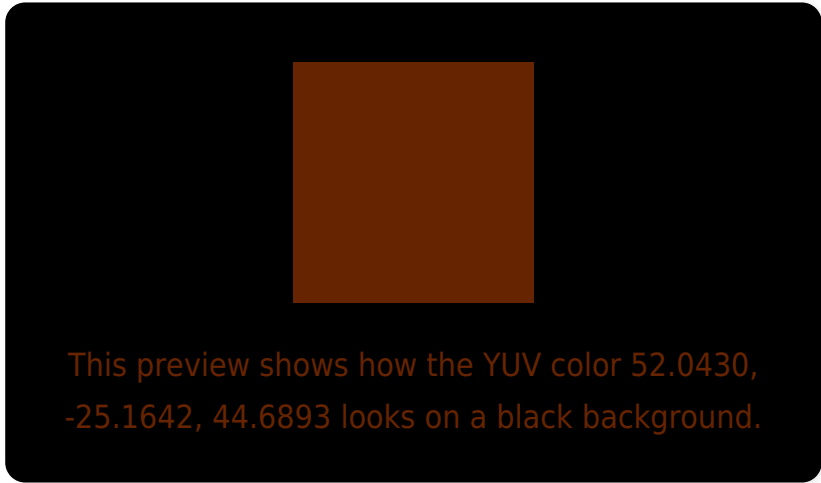
Large Text (above 18pt) WCAG AA ✓ Pass

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

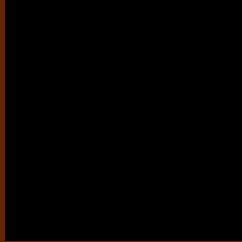
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.0430, -25.1642, 44.6893

Background



This preview shows how black text looks on a background with the YUV color 52.0430, -25.1642, 44.6893.



This preview shows how white text looks on a background with the YUV color 52.0430, -25.1642,

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

52.0430, -25.1642, 44.6893

Protanopia

55.6210, -21.9982, 9.1024

Deuteranopia

54.9980, -27.1140, 16.6648



Tritanopia

55.0440, -9.8817, 42.9344

Trichromacy



Original Color

52.0430, -25.1642, 44.6893

Protanomaly

54.3560, -23.3465, 21.6128

Deuteranomaly

54.1780, -26.7098, 27.0309

Tritanomaly

54.2630, -15.4127, 43.6193

Monochromacy



Original Color

52.0430, -25.1642, 44.6893

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9930, -9.3635, 16.6691

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.0430, -25.1642, 44.6893 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(103, 36, 1)` looks like.

```
.text, #text, p{  
    color:rgb(103, 36, 1)  
}
```

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(103, 36, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 36, 1) }
```

Border

The CSS property to change the border of an element to YUV 52.0430, -25.1642, 44.6893 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(103, 36, 1) }
```


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

```
.border{ border-color:rgb(103, 36, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 36, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 36, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 36, 1);  
box-shadow:4px 4px 4px 4px rgb(103, 36, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.0430, -25.1642, 44.6893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 36, 1) }
```

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

```
.background{ background-color: rgb(103, 36,  
1) }
```

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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