

Converting Colors

YUV(62.4450, -24.8694,
43.4597)

Have a look what the booklet for
YUV(62.4450, -24.8694, 43.4597)
contains.

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Color

**YUV(62.4450, -24.8694,
43.4597)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 702F0C |
| RGB | 112, 47, 12 |
| RGB Percent | 44%, 18%, 5% |
| CMY | 0.5608, 0.8157, 0.9529 |
| CMYK | 0.00, 0.58, 0.89, 0.56 |
| HSL | 21°, 81%, 24% |
| HSV | 21°, 89%, 44% |
| XYZ | 7.7650, 5.5043, 1.0010 |
| YIQ | 62.4450, 49.9750, 2.8950 |

Conversions

Conversions Part 2

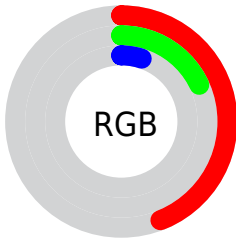
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 112, 66, 12 |
| Decimal | 7352076 |
| CIE _{Lab} | 28.13, 26.76, 34.18 |
| CIE _{LCh} | 28, 43.409, 51.945 |
| Yxy | 5.5043, 0.5441, 0.3857 |
| Android (android.graphics.Color) | 4285542156 (0xFF702F0C) |
| YUV | 62.4450, -24.8694, 43.4597 |
| Hunter-Lab | 23.4613, 18.0208, 13.8932 |

Details

The YUV color **62.4450, -24.8694, 43.4597** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **61.5550, 24.8694, -43.4597**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7940, -27.5064, 49.2927**, and **17.6300, -8.6916, 34.5275** is the 20% darker color. If you saturate the color by 10%, you get **57.0820, -27.6484, 48.1631**, and if you desaturate by 10%, it is **67.8080, -22.0903, 38.7564**.

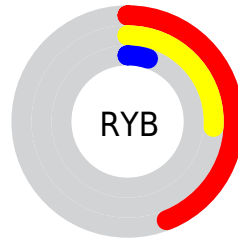
Distribution



Red (44%)

Green (18%)

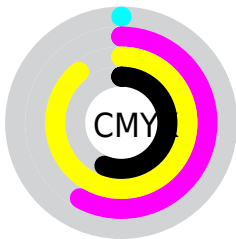
Blue (5%)



Red (44%)

Yellow (26%)

Blue (5%)

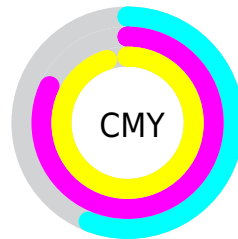


Cyan (0%)

Magenta (58%)

Yellow (89%)

Black (56%)



Cyan (56%)


Magenta (82%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 62.4450, -24.8694, 43.4597 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 62.4450, -24.8694, 43.4597 by changing the saturation by 10% instead.


 62.4450, -24.8694,
43.4597

 62.4450, -24.8694,
43.4597


 253.4040, -6.1152,
1.3997


 39.5030, -19.4750,
39.9009

 112.7940,
-27.5064, 49.2927


 17.6300, -8.6916,
34.5275


 138.8760,
-28.5329, 51.8517

 9.6820, -4.2802,
19.5729

 165.9580,
-29.5593, 54.4108

 0.0000, 0.0000,
0.0000


 192.7300,
-30.4329, 54.6108


 212.2440,
-26.7423, 37.4970


 231.7580,


-23.0517, 20.3832


 250.0980,
-18.7823, 4.2991


 62.4450, -24.8694,
43.4597


 62.4450, -24.8694,
43.4597


 57.0820, -27.6484,
48.1631


 67.8080, -22.0903,
38.7564

 56.3810, -27.7958,
48.7779

 73.7580, -19.6007,
33.5382

 79.2350, -16.3849,
28.7349

 84.5980, -13.6058,
24.0316

 89.9610, -10.8268,
19.3282

■ 95.9110, -8.3371,
14.1101

■ 101.2740, -5.5581,
9.4067

■ 106.7510, -2.3422,
4.6034

■ 112.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



60.8760, -8.3199, 55.3597



62.4450, -24.8694, 43.4597



63.0050, -31.0615, 22.7976

Triad

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



62.4450, -24.8694, 43.4597



53.9310, 1.0200, -47.2975



63.6690, 32.2082, -17.2497

Complementary

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



62.4450, -24.8694, 43.4597



61.5550, 24.8694, -43.4597

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.



58.0130, 36.9686, -50.8774



62.4450, -24.8694, 43.4597



57.8070, 15.8711, -50.6967

Square

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



62.4450, -24.8694, 43.4597



49.0770, -13.8420, -40.4095



59.9390, 29.1171, -52.5665



67.7300, 19.8531, 25.6698

Rectangle

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



62.4450, -24.8694, 43.4597



61.1340, -30.1391, 6.8985



59.9390, 29.1171, -52.5665



53.7900, 38.5575, -47.1738

Sweetspot

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



62.4450, -24.8694, 43.4597



125.8790, -9.8003, 16.7691



49.3100, 13.6512, 54.9791



62.4590, -6.1423, 10.1215



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



62.4450, -24.8694, 43.4597



73.2920, -36.1330, 62.8879



91.7950, -39.3389, 17.7198



52.9680, -1.4632, 2.6591



60.5340, -29.8433, 52.1517



124.9220, -61.5865, 107.0624

Inverse Universe

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



61.5550, 24.8694, -43.4597



71.7080, 36.1330, -62.8879



32.2050, 39.3389, -17.7198



53.0320, 1.4632, -2.6591



59.4660, 29.8433, -52.1517



122.6650, 61.2972, -107.5772

Previews

White Background



This preview shows how the YUV color 62.4450, -24.8694, 43.4597 looks on a white background.

Color Contrast Check

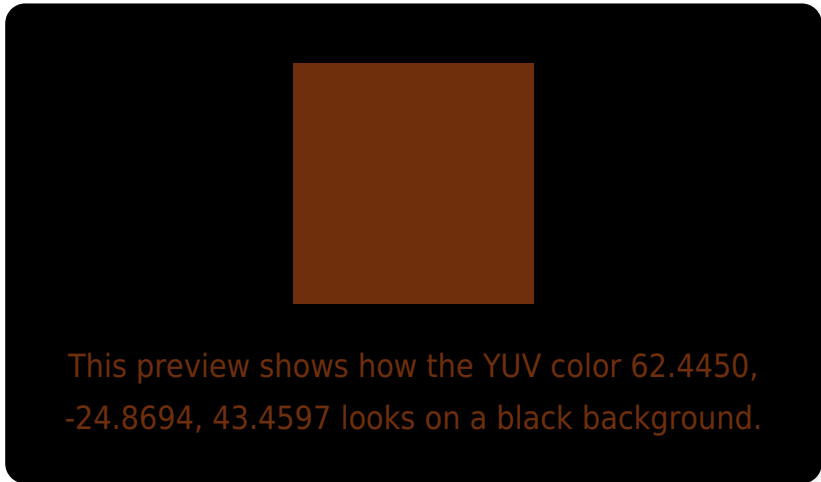
Large Text (above 18pt) WCAG AA ✓ Pass

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

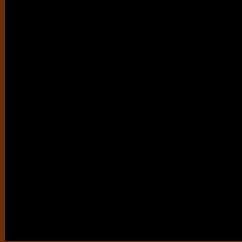
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.4450, -24.8694, 43.4597

Background



This preview shows how black text looks on a background with the YUV color 62.4450, -24.8694, 43.4597.



This preview shows how white text looks on a background with the YUV color 62.4450, -24.8694,

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

62.4450, -24.8694, 43.4597

Protanopia

64.5780, -23.4560, 10.0171

Deuteranopia

62.9830, -31.0506, 19.3089



Tritanopia

64.9730, -8.8607, 42.1197

Trichromacy



Original Color

62.4450, -24.8694, 43.4597

Protanomaly

63.5410, -23.9307, 22.3275

Deuteranomaly

62.9070, -29.0412, 28.1456

Tritanomaly

64.0780, -14.8285, 42.9046

Monochromacy



Original Color

62.4450, -24.8694, 43.4597

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.3950, -9.0687, 15.4396

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.4450, -24.8694, 43.4597 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(112, 47, 12)` looks like.

```
.text, #text, p{  
    color:rgb(112, 47, 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(112, 47, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 47, 12) }
```

Border

The CSS property to change the border of an element to YUV 62.4450, -24.8694, 43.4597 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(112, 47, 12) }
```


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

```
.border{ border-color:rgb(112, 47, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 47, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 47, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 47, 12);  
box-shadow:4px 4px 4px 4px rgb(112, 47,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 62.4450, -24.8694, 43.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 47, 12) }
```

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

```
.background{ background-color: rgb(112, 47,  
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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