

Converting Colors

YUV(124.2740, -52.3931,
51.5027)

Have a look what the booklet for
YUV(124.2740, -52.3931, 51.5027)
contains.

YUV(124.2740, -52.3931, 51.5027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(124.2740, -52.3931,
51.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	B77312
RGB	183, 115, 18
RGB Percent	72%, 45%, 7%
CMY	0.2824, 0.5490, 0.9294
CMYK	0.00, 0.37, 0.90, 0.28
HSL	35°, 82%, 39%
HSV	35°, 90%, 72%
XYZ	25.7684, 22.3724, 3.5324
YIQ	124.2740, 71.6650, -15.7510

Conversions

Conversions Part 2

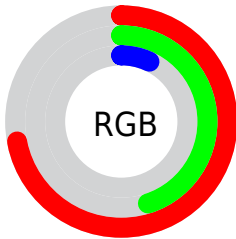
Format	Color
RYB	134, 183, 18
Decimal	12022546
CIELab	54.42, 20.07, 57.63
CIELCh	54, 61.023, 70.794
Yxy	22.3724, 0.4987, 0.4330
Android (android.graphics.Color)	4290212626 (0xFFB77312)
YUV	124.2740, -52.3931, 51.5027
Hunter-Lab	47.2995, 14.4711, 28.6817

Details

The YUV color **124.2740, -52.3931, 51.5027** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **76.7260, 52.3931, -51.5027**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4210, -51.9726, 56.6358**, and **76.4050, -37.6677, 41.7408** is the 20% darker color. If you saturate the color by 10%, you get **118.1130, -58.2297, 56.9059**, and if you desaturate by 10%, it is **131.0220, -46.8458, 45.5847**.

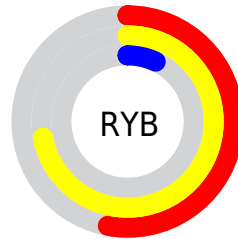
Distribution



Red (72%)

Green (45%)

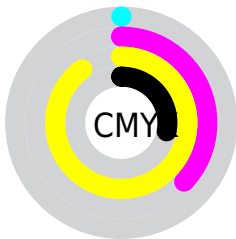
Blue (7%)



Red (53%)

Yellow (72%)

Blue (7%)

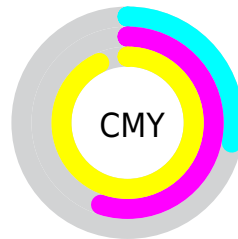


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (28%)



Cyan (28%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2740, -52.3931, 51.5027 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 124.2740, -52.3931, 51.5027 by changing the saturation by 10% instead.

■ 124.2740,
-52.3931, 51.5027

■ 124.2740,
-52.3931, 51.5027

■ 255.0000, 0.0000,
0.0000

■ 98.5770, -48.5985,
47.7290

■ 179.4210,
-51.9726, 56.6358

■ 76.4050, -37.6677,
41.7408

■ 201.5230,
-50.0508, 46.8993

■ 54.5320, -26.8843,
36.3674

■ 221.0370,
-46.3602, 29.7856

■ 33.8330, -16.6797,
29.9645

■ 241.1380,
-42.9590, 12.1570

■ 12.5580, -6.1911,
25.8206

■ 246.6780,
-31.8863, 7.2984

■ 0.0000, 0.0000,
0.0000

■ 249.8700,

-19.6559, 4.4990

253.1760, -6.9888,
1.5996

124.2740,
-52.3931, 51.5027

124.2740,
-52.3931, 51.5027

118.1130,
-58.2297, 56.9059

131.0220,
-46.8458, 45.5847

137.2970,
-40.5724, 40.0815

144.0450,
-35.0252, 34.1635

150.2060,
-29.1886, 28.7603

157.0680,
-23.2045, 22.7424

■ 163.2290,
-17.3679, 17.3392

■ 169.9770,
-11.8207, 11.4212

■ 176.1380, -5.9840,
6.0180

■ 183.0000, 0.0000,
0.0000

Harmonies

Analogous

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



125.1720, -30.6508, 77.9022



124.2740, -52.3931, 51.5027



119.9200, -59.1206, 15.8562

Triad

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



124.2740, -52.3931, 51.5027



107.8570, 19.7905, -94.5906



133.5070, 38.2040, 19.7264

Complementary

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



124.2740, -52.3931, 51.5027



76.7260, 52.3931, -51.5027

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.



114.9460, 58.6936, -65.7276



124.2740, -52.3931, 51.5027



112.3830, 42.2092, -98.5599

Square

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



124.2740, -52.3931, 51.5027



99.8260, -3.3652, -87.5474



111.3350, 58.5018, -97.6408



130.1250, 17.6864, 67.4194

Rectangle

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



124.2740, -52.3931, 51.5027



117.1040, -44.9143, -14.1232



111.3350, 58.5018, -97.6408



131.5690, 44.0895, -1.3760

Sweetspot

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



124.2740, -52.3931, 51.5027



214.4420, -20.4309, 19.7834



75.2010, 5.8169, 94.5397



106.1620, -12.4049, 12.1359



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



124.2740, -52.3931, 51.5027



152.4560, -75.1608, 74.1451



160.0040, -70.0080, 7.8895



88.6260, -2.7736, 2.9590



100.0610, -49.3301, 49.0585



17.7640, -8.7577, 8.9770

Inverse Universe

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



76.7260, 52.3931, -51.5027



84.5440, 75.1608, -74.1451



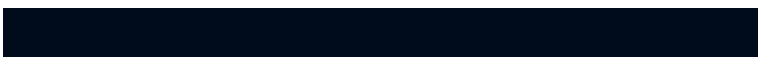
40.9960, 70.0080, -7.8895



85.7870, 3.0630, -2.4442



55.3520, 49.6195, -48.5437



10.2360, 8.7577, -8.9770

Previews

White Background



This preview shows how the YUV color 124.2740, -52.3931, 51.5027 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 124.2740, -52.3931, 51.5027 looks on a black 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 × Fail

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

YUV 124.2740, -52.3931, 51.5027

Background



This preview shows how black text looks on a background with the YUV color 124.2740, -52.3931, 51.5027.



This preview shows how white text looks on a background with the YUV color 124.2740, -52.3931, 51.5027.

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

124.2740, -52.3931, 51.5027

Protanopia

123.4720, -49.5327, 20.6341

Deuteranopia

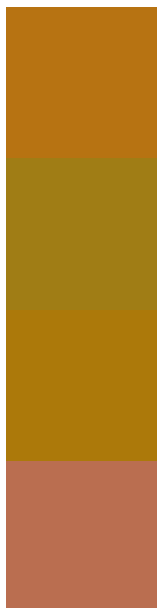
122.8070, -57.5859, 37.0033



Tritanopia

131.8320, -8.2982, 48.3823

Trichromacy



Original Color

124.2740, -52.3931, 51.5027

Protanomaly

123.6090, -50.5862, 31.9149

Deuteranomaly

123.5950, -56.0023, 42.4512

Tritanomaly

129.3040, -24.3069, 49.7224

Monochromacy



Original Color

124.2740, -52.3931, 51.5027

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0720, -19.2625, 18.3539

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2740, -52.3931, 51.5027 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(183, 115, 18)` looks like.

```
.text, #text, p{  
    color:rgb(183, 115, 18)  
}
```

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(183, 115, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 115, 18) }
```

Border

The CSS property to change the border of an element to YUV 124.2740, -52.3931, 51.5027 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(183, 115, 18) }
```


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

```
.border{ border-color:rgb(183, 115, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 115, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 115, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 115, 18);  
box-shadow:4px 4px 4px 4px rgb(183, 115,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 124.2740, -52.3931, 51.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 115, 18) }
```

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

```
.background{ background-color: rgb(183,  
115, 18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor