

Converting Colors

YUV(54.2270, -24.2689,
37.5119)

Have a look what the booklet for
YUV(54.2270, -24.2689, 37.5119)
contains.

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Color

**YUV(54.2270, -24.2689,
37.5119)**

Conversions

Conversions Part 1

Format	Color
Hex	612A05
RGB	97, 42, 5
RGB Percent	38%, 16%, 2%
CMY	0.6196, 0.8353, 0.9804
CMYK	0.00, 0.57, 0.95, 0.62
HSL	24°, 90%, 20%
HSV	24°, 95%, 38%
XYZ	5.7851, 4.2083, 0.6509
YIQ	54.2270, 44.6570, 0.1530

Conversions

Conversions Part 2

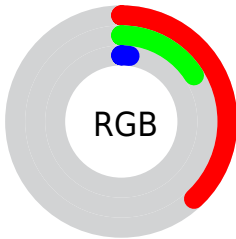
Format	Color
R _Y B	97, 67, 5
Decimal	6367749
CIE Lab	24.35, 22.77, 32.67
CIE LCh	24, 39.819, 55.130
Yxy	4.2083, 0.5435, 0.3954
Android (android.graphics.Color)	4284557829 (0xFF612A05)
YUV	54.2270, -24.2689, 37.5119
Hunter-Lab	20.5141, 14.4387, 12.4785

Details

The YUV color **54.2270, -24.2689, 37.5119** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **47.7730, 24.2689, -37.5119**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8040, -26.0324, 43.1449**, and **13.4550, -6.6333, 27.6650** is the 20% darker color. If you saturate the color by 10%, you get **51.8960, -25.5847, 39.5562**, and if you desaturate by 10%, it is **58.8890, -21.6373, 33.4233**.

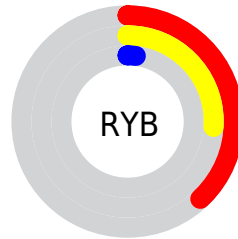
Distribution



Red (38%)

Green (16%)

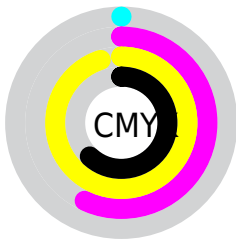
Blue (2%)



Red (38%)

Yellow (26%)

Blue (2%)

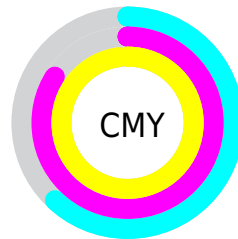


Cyan (0%)

Magenta (57%)

Yellow (95%)

Black (62%)



Cyan (62%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.2270, -24.2689, 37.5119 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 54.2270, -24.2689, 37.5119 by changing the saturation by 10% instead.

■ 54.2270, -24.2689,
37.5119

■ 54.2270, -24.2689,
37.5119

■ 252.4920, -9.6096,
2.1995

■ 32.6700, -16.1063,
32.7384

■ 103.8040,
-26.0324, 43.1449

■ 13.4550, -6.6333,
27.6650

■ 129.4730,
-27.3482, 45.1892

■ 0.0000, 0.0000,
0.0000

■ 155.6690,
-27.9378, 47.6483

■ 183.3380,
-29.2536, 49.6926

■ 206.6360,
-27.9215, 42.4152

■ 226.1500,

-24.2309, 25.3015

■ 246.3650,
-20.3929, 7.5729

■ 54.2270, -24.2689,
37.5119

■ 54.2270, -24.2689,
37.5119

■ 51.8960, -25.5847,
39.5562

■ 58.8890, -21.6373,
33.4233

■ 63.4370, -19.4424,
29.4348

■ 67.5120, -16.5214,
25.8610

■ 72.1740, -13.8898,
21.7724

■ 76.8360, -11.2581,
17.6838

■ 81.3840, -9.0633,
13.6952

■ 86.0460, -6.4317,
9.6067

■ 90.1210, -3.5107,
6.0329

■ 94.6690, -1.3158,
2.0443

Harmonies

Analogous

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



52.9030, -9.3192, 49.1971



54.2270, -24.2689, 37.5119



55.0090, -27.1194, 18.4091

Triad

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



54.2270, -24.2689, 37.5119



47.6050, 2.1667, -41.7496



56.8610, 27.6765, -10.4021

Complementary

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



54.2270, -24.2689, 37.5119



47.7730, 24.2689, -37.5119

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.



50.4330, 33.3105, -44.2297



54.2270, -24.2689, 37.5119



51.1390, 15.7075, -44.8489

Square

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



54.2270, -24.2689, 37.5119



42.8970, -10.7952, -37.6207



52.7010, 26.7694, -46.2188



58.9320, 16.7955, 26.3696

Rectangle

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



54.2270, -24.2689, 37.5119



53.1490, -26.2025, 4.2543



52.7010, 26.7694, -46.2188



49.9830, 32.5464, -32.4341

Sweetspot

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



54.2270, -24.2689, 37.5119



108.6830, -9.2107, 14.3100



38.7780, 10.4624, 51.0607



53.8610, -5.8475, 8.8919



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



54.2270, -24.2689, 37.5119



66.7250, -32.8954, 51.1072



81.2290, -37.5809, 13.8312



46.3700, -1.1684, 1.4295



59.9030, -29.5322, 45.6891



128.1120, -63.1592, 98.1258

Inverse Universe

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



47.7730, 24.2689, -37.5119



58.2750, 32.8954, -51.1072



20.7710, 37.5809, -13.8312



46.2170, 0.8790, -1.9443



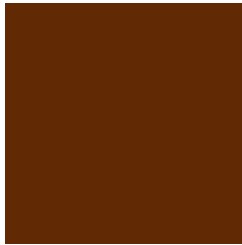
52.0970, 29.5322, -45.6891



111.3010, 63.4486, -97.6110

Previews

White Background



This preview shows how the YUV color 54.2270, -24.2689, 37.5119 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

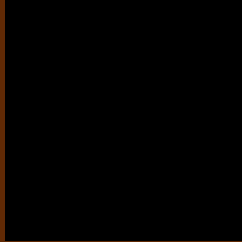
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.2270, -24.2689, 37.5119

Background



This preview shows how black text looks on a background with the YUV color 54.2270, -24.2689, 37.5119.



This preview shows how white text looks on a background with the YUV color 54.2270, -24.2689,

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

54.2270, -24.2689, 37.5119

Protanopia

55.6210, -21.9982, 9.1024

Deuteranopia

54.9980, -27.1140, 16.6648



Tritanopia

56.9830, -7.3866, 35.9719

Trichromacy



Original Color

54.2270, -24.2689, 37.5119

Protanomaly

55.1600, -22.7569, 19.1537

Deuteranomaly

54.6830, -25.9727, 23.9570

Tritanomaly

56.0880, -13.3544, 36.7568

Monochromacy



Original Color

54.2270, -24.2689, 37.5119

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.3840, -9.0633, 13.6952

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.2270, -24.2689, 37.5119 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(97, 42, 5)` looks like.

```
.text, #text, p{  
    color:rgb(97, 42, 5)  
}
```

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(97, 42, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 42, 5) }
```

Border

The CSS property to change the border of an element to YUV 54.2270, -24.2689, 37.5119 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(97, 42, 5) }
```


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

```
.border{ border-color:rgb(97, 42, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 42, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 42, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 42, 5); box-shadow:4px  
4px 4px 4px rgb(97, 42, 5) }
```

Background

The CSS property to change the background color of an element to YUV 54.2270, -24.2689, 37.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 42, 5) }
```

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

```
.background{ background-color: rgb(97, 42,  
5) }
```

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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