

Converting Colors

YUV(49.7650, -23.5481,
39.6711)

Have a look what the booklet for
YUV(49.7650, -23.5481, 39.6711)
contains.

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Color

**YUV(49.7650, -23.5481,
39.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	5F2402
RGB	95, 36, 2
RGB Percent	37%, 14%, 1%
CMY	0.6275, 0.8588, 0.9922
CMYK	0.00, 0.62, 0.98, 0.63
HSL	22°, 96%, 19%
HSV	22°, 98%, 37%
XYZ	5.3611, 3.6990, 0.4889
YIQ	49.7650, 46.0780, 1.9340

Conversions

Conversions Part 2

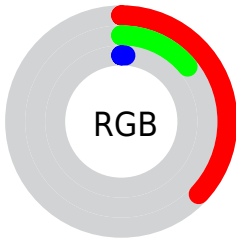
Format	Color
RYB	95, 56, 2
Decimal	6235138
CIELab	22.65, 25.16, 32.06
CIELCh	23, 40.752, 51.880
Yxy	3.6990, 0.5614, 0.3874
Android (android.graphics.Color)	4284425218 (0xFF5F2402)
YUV	49.7650, -23.5481, 39.6711
Hunter-Lab	19.2329, 16.0992, 11.9560

Details

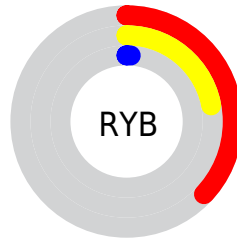
The YUV color **49.7650, -23.5481, 39.6711** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **47.2350, 23.5481, -39.6711**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3420, -25.3116, 45.3041**, and **12.8570, -6.3385, 26.4354** is the 20% darker color. If you saturate the color by 10%, you get **48.9500, -24.1323, 40.3859**, and if you desaturate by 10%, it is **54.3130, -21.3533, 35.6825**.

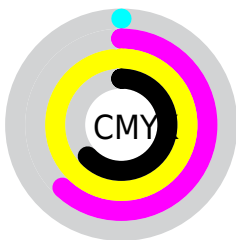
Distribution



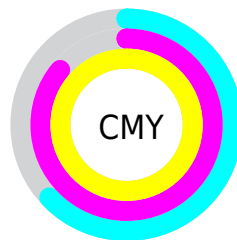
- Red (37%)
- Green (14%)
- Blue (1%)



- Red (37%)
- Yellow (22%)
- Blue (1%)



- Cyan (0%)
- Magenta (62%)
- Yellow (98%)
- Black (63%)



- Cyan (63%)
- Magenta (86%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.7650, -23.5481, 39.6711 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 49.7650, -23.5481, 39.6711 by changing the saturation by 10% instead.

■ 49.7650, -23.5481,
39.6711

■ 49.7650, -23.5481,
39.6711

■ 252.0360,
-11.3567, 2.5994

■ 27.9630, -13.7858,
35.1124

■ 99.3420, -25.3116,
45.3041

■ 12.8570, -6.3385,
26.4354

■ 125.1250,
-26.1906, 47.2484

■ 0.0000, 0.0000,
0.0000


■ 151.5060,
-27.3645, 50.4222


■ 178.8760,
-28.5329, 51.8517


■ 202.7720,
-27.4956, 45.8040


■ 222.2860,


-23.8050, 28.6902


 241.8000,
-20.1144, 11.5764


 49.7650, -23.5481,
39.6711


 49.7650, -23.5481,
39.6711


 48.9500, -24.1323,
40.3859

 54.3130, -21.3533,
35.6825

 58.9750, -18.7217,
31.5939

 63.5230, -16.5268,
27.6053

 68.1850, -13.8952,
23.5168

 72.7330, -11.7004,
19.5282

■ 77.3950, -9.0687,
15.4396

■ 82.0570, -6.4371,
11.3510

■ 86.6050, -4.2423,
7.3624

■ 91.1530, -2.0474,
3.3738

Harmonies

Analogous

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



47.3100, -6.5618, 51.4711



49.7650, -23.5481, 39.6711



51.4760, -25.3777, 19.7535

Triad

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



49.7650, -23.5481, 39.6711



44.4590, 0.2667, -38.9905



51.2730, 29.4454, -17.7794

Complementary

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



49.7650, -23.5481, 39.6711



47.2350, 23.5481, -39.6711

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.



48.3300, 32.8683, -42.3854



49.7650, -23.5481, 39.6711



47.9930, 13.8075, -42.0899

Square

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



49.7650, -23.5481, 39.6711



38.9360, -13.2794, -34.1469



50.3700, 25.4536, -44.1745



54.9640, 18.2587, 23.7106

Rectangle

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



49.7650, -23.5481, 39.6711



49.9150, -24.6081, 6.2135



50.3700, 25.4536, -44.1745



44.6940, 34.1679, -39.1966

Sweetspot

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



49.7650, -23.5481, 39.6711



105.0960, -8.9213, 14.8248



36.6470, 12.4990, 51.1756



50.9750, -5.4107, 8.7919



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



49.7650, -23.5481, 39.6711



62.8930, -31.0062, 51.8368



76.1800, -36.5707, 16.5051



45.7830, -0.8790, 1.9443



57.5550, -28.3746, 47.7483



123.4160, -60.8441, 102.2442

Inverse Universe

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



47.2350, 23.5481, -39.6711



59.6940, 30.7169, -52.3516



20.8200, 36.5707, -16.5051



46.2170, 0.8790, -1.9443



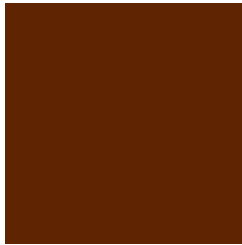
54.4450, 28.3746, -47.7483



116.5840, 60.8441, -102.2442

Previews

White Background



This preview shows how the YUV color 49.7650, -23.5481, 39.6711 looks on a white background.

Color Contrast Check

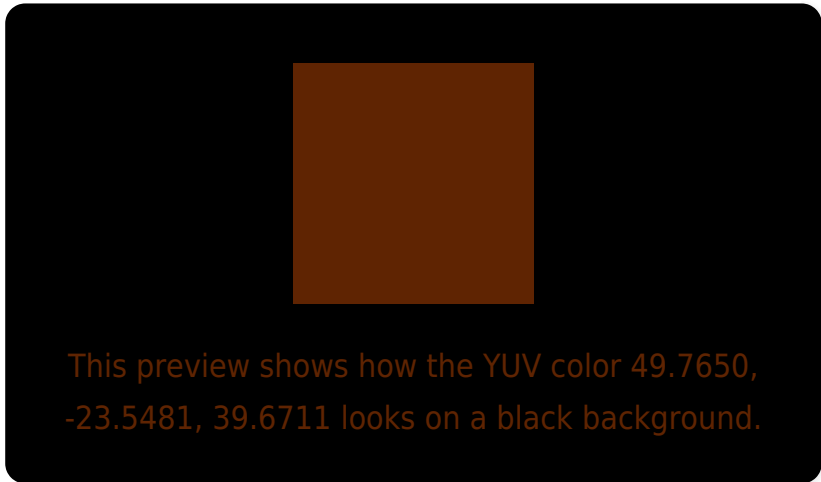
Large Text (above 18pt) WCAG AA ✓ Pass

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

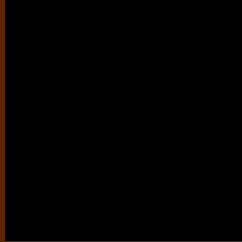
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.7650, -23.5481, 39.6711

Background



This preview shows how black text looks on a background with the YUV color 49.7650, -23.5481, 39.6711.



This preview shows how white text looks on a background with the YUV color 49.7650, -23.5481,

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

49.7650, -23.5481, 39.6711

Protanopia

52.5500, -20.9771, 8.2877

Deuteranopia

52.0410, -25.6562, 15.7500



Tritanopia

52.6520, -8.7024, 38.0162

Trichromacy



Original Color

49.7650, -23.5481, 39.6711

Protanomaly

51.6870, -22.0307, 19.5685

Deuteranomaly

51.3240, -24.8097, 24.2719

Tritanomaly

51.8710, -14.2334, 38.7011

Monochromacy



Original Color

49.7650, -23.5481, 39.6711

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9110, -8.3371, 14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.7650, -23.5481, 39.6711 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(95, 36, 2)` looks like.

```
.text, #text, p{  
    color:rgb(95, 36, 2)  
}
```

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(95, 36, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 36, 2) }
```

Border

The CSS property to change the border of an element to YUV 49.7650, -23.5481, 39.6711 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(95, 36, 2) }
```


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

```
.border{ border-color:rgb(95, 36, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 36, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 36, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 36, 2); box-shadow:4px  
4px 4px 4px rgb(95, 36, 2) }
```

Background

The CSS property to change the background color of an element to YUV 49.7650, -23.5481, 39.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 36, 2) }
```

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

```
.background{ background-color: rgb(95, 36,  
2) }
```

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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