

Converting Colors

YUV(77.9190, -23.6241,
64.0920)

Have a look what the booklet for
YUV(77.9190, -23.6241, 64.0920)
contains.

YUV(77.9190, -23.6241, 64.0920)	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(77.9190, -23.6241,
64.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	97321E
RGB	151, 50, 30
RGB Percent	59%, 20%, 12%
CMY	0.4078, 0.8039, 0.8824
CMYK	0.00, 0.67, 0.80, 0.41
HSL	10°, 67%, 35%
HSV	10°, 80%, 59%
XYZ	14.1374, 8.9543, 2.2115
YIQ	77.9190, 66.6160, 15.1920

Conversions

Conversions Part 2

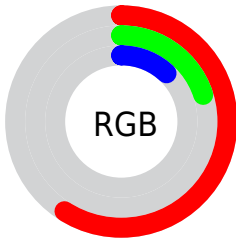
Format	Color
R_{YB}	151, 54, 30
Decimal	9908766
CIE _{Lab}	35.90, 41.23, 34.91
CIE _{LCh}	36, 54.023, 40.253
Yxy	8.9543, 0.5587, 0.3539
Android (android.graphics.Color)	4288098846 (0xFF97321E)
YUV	77.9190, -23.6241, 64.0920
Hunter-Lab	29.9237, 31.9660, 16.5647

Details

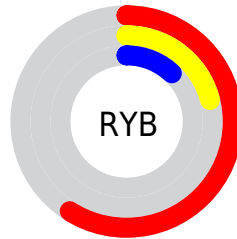
The YUV color **77.9190, -23.6241, 64.0920** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **103.0810, 23.6241, -64.0920**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.6270, -27.4241, 69.6101**, and **27.8070, -13.7089, 57.1743** is the 20% darker color. If you saturate the color by 10%, you get **68.5780, -26.4140, 72.2841**, and if you desaturate by 10%, it is **87.2600, -20.8342, 55.9000**.

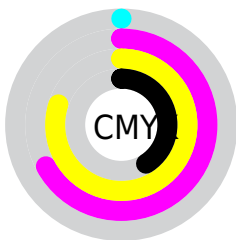
Distribution



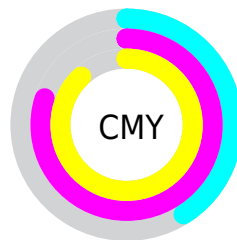
- Red (59%)
- Green (20%)
- Blue (12%)



- Red (59%)
- Yellow (21%)
- Blue (12%)



- Cyan (0%)
- Magenta (67%)
- Yellow (80%)
- Black (41%)



- Cyan (41%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9190, -23.6241, 64.0920 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 77.9190, -23.6241, 64.0920 by changing the saturation by 10% instead.

■ 77.9190, -23.6241,
64.0920

■ 77.9190, -23.6241,
64.0920

255.0000, 0.0000,
0.0000

■ 50.1900, -21.2927,
62.9774

■ 131.6270,
-27.4241, 69.6101

■ 27.8070, -13.7089,
57.1743

■ 158.8940,
-29.0347, 72.8840

■ 19.1360, -9.4340,
39.3457

■ 181.4800,
-27.8446, 64.4770

■ 11.1770, -5.0173,
22.6468

■ 200.2930,
-24.3014, 47.9780

■ 0.0000, 0.0000,
0.0000

■ 220.3940,
-20.9002, 30.3495

■ 240.0220,

-16.7728, 13.1357

■ 252.6060, -9.1728,
2.0995

■ 77.9190, -23.6241,
64.0920

■ 77.9190, -23.6241,
64.0920

■ 68.5780, -26.4140,
72.2841

■ 87.2600, -20.8342,
55.9000

■ 59.8240, -29.4932,
79.9614

■ 96.0140, -17.7549,
48.2227

■ 105.3550,
-14.9650, 40.0307

■ 114.1090,
-11.8857, 32.3534

■ 123.5640, -8.6591,
24.0614

■ 132.9050, -5.8692,
15.8693

■ 141.6590, -2.7899,
8.1921

■ 151.0000, 0.0000,
0.0000

■ 159.7540, 3.0793,
-7.6773

Harmonies

Analogous

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



74.8320, -1.3962, 74.6923



77.9190, -23.6241, 64.0920



79.9380, -39.4094, 40.3964

Triad

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



77.9190, -23.6241, 64.0920



65.9160, -6.3676, -57.8083



69.2750, 49.6574, -60.7542

Complementary

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



77.9190, -23.6241, 64.0920



103.0810, 23.6241, -64.0920

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.



75.8630, 44.4375, -66.5319



77.9190, -23.6241, 64.0920



71.7470, 13.4357, -62.9221

Square

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



77.9190, -23.6241, 64.0920



68.8280, -32.9462, -26.1592



75.8340, 31.6338, -66.5064



86.1660, 31.9632, 14.7634

Rectangle

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



77.9190, -23.6241, 64.0920



79.5180, -39.2024, 20.5937



75.8340, 31.6338, -66.5064



72.4380, 49.0841, -63.5281

Sweetspot

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



77.9190, -23.6241, 64.0920



167.7490, -9.2433, 24.7761



77.9210, 27.1539, 64.0903



81.7200, -5.2850, 15.1546



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



77.9190, -23.6241, 64.0920



82.4090, -36.6836, 99.6193



112.5520, -40.6981, 33.7189



71.9790, -1.4686, 4.4034



55.3610, -27.2930, 74.2284



5.0610, -2.4951, 6.9625

Inverse Universe

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



103.0810, 23.6241, -64.0920



121.5910, 36.6836, -99.6193



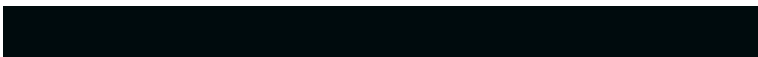
68.4480, 40.6981, -33.7189



73.4340, 1.7580, -3.8886



84.6390, 27.2930, -74.2284



7.9390, 2.4951, -6.9625

Previews

White Background



This preview shows how the YUV color 77.9190, -23.6241, 64.0920 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



This preview shows how the YUV color 77.9190, -23.6241, 64.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

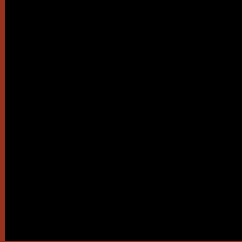
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9190, -23.6241, 64.0920

Background



This preview shows how black text looks on a background with the YUV color 77.9190, -23.6241, 64.0920.



This preview shows how white text looks on a background with the YUV color 77.9190, -23.6241,

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

77.9190, -23.6241, 64.0920

Protanopia

83.4470, -21.4194, 10.1320

Deuteranopia

82.2330, -30.1879, 22.5977



Tritanopia

79.3240, -14.4567, 63.7369

Trichromacy



Original Color

77.9190, -23.6241, 64.0920

Protanomaly

81.3400, -22.3526, 29.5198

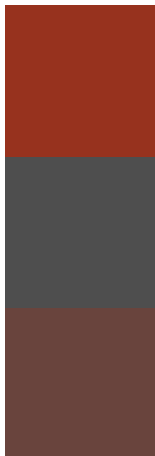
Deuteranomaly

80.9020, -28.0527, 37.7969

Tritanomaly

79.1130, -17.8037, 63.9219

Monochromacy



Original Color

77.9190, -23.6241, 64.0920

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2650, -8.5116, 23.4466

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9190, -23.6241, 64.0920 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(151, 50, 30)` looks like.

```
.text, #text, p{  
    color:rgb(151, 50, 30)  
}
```

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(151, 50, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 50, 30) }
```

Border

The CSS property to change the border of an element to YUV 77.9190, -23.6241, 64.0920 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(151, 50, 30) }
```


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

```
.border{ border-color:rgb(151, 50, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 50, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 50, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 50, 30);  
box-shadow:4px 4px 4px 4px rgb(151, 50,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 77.9190, -23.6241, 64.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 50, 30) }
```

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

```
.background{ background-color: rgb(151, 50,  
30) }
```

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