

Converting Colors

YUV(77.8880, -23.6088,
12.3762)

Have a look what the booklet for
YUV(77.8880, -23.6088, 12.3762)
contains.

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Color

**YUV(77.8880, -23.6088,
12.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	5C501E
RGB	92, 80, 30
RGB Percent	36%, 31%, 12%
CMY	0.6392, 0.6863, 0.8824
CMYK	0.00, 0.13, 0.67, 0.64
HSL	48°, 51%, 24%
HSV	48°, 67%, 36%
XYZ	7.5166, 8.1064, 2.3968
YIQ	77.8880, 23.2020, -13.0060

Conversions

Conversions Part 2

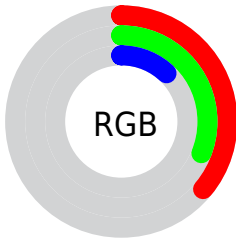
Format	Color
RYB	45, 92, 30
Decimal	6049822
CIELab	34.20, -1.78, 30.51
CIELCh	34, 30.558, 93.333
Yxy	8.1064, 0.4171, 0.4499
Android (android.graphics.Color)	4284239902 (0xFF5C501E)
YUV	77.8880, -23.6088, 12.3762
Hunter-Lab	28.4717, -2.7008, 14.9390

Details

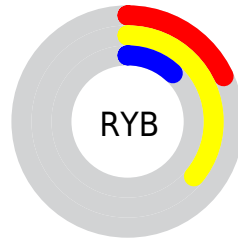
The YUV color **77.8880, -23.6088, 12.3762** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44.1120, 23.6088, -12.3762**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4430, -25.3614, 14.5205**, and **34.2880, -16.9040, 8.5174** is the 20% darker color. If you saturate the color by 10%, you get **75.6880, -26.9612, 14.3056**, and if you desaturate by 10%, it is **80.0880, -20.2564, 10.4468**.

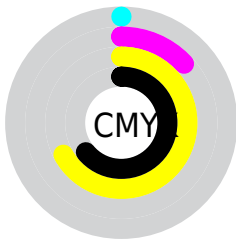
Distribution



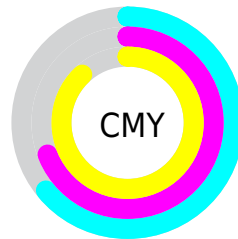
- Red (36%)
- Green (31%)
- Blue (12%)



- Red (18%)
- Yellow (36%)
- Blue (12%)



- Cyan (0%)
- Magenta (13%)
- Yellow (67%)
- Black (64%)



- Cyan (64%)
- Magenta (69%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8880, -23.6088, 12.3762 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 77.8880, -23.6088, 12.3762 by changing the saturation by 10% instead.

■ 77.8880, -23.6088,
12.3762

■ 77.8880, -23.6088,
12.3762

■ 255.0000, 0.0000,
0.0000

■ 54.1760, -23.7508,
11.2466

■ 127.4430,
-25.3614, 14.5205

■ 34.2880, -16.9040,
8.5174

■ 153.6280,
-25.9456, 15.2352

■ 13.8880, -6.8468,
2.7292

■ 180.6990,
-26.9666, 16.0500

■ 0.0000, 0.0000,
0.0000

■ 208.2970,
-27.2614, 17.2795

■ 235.8840,
-27.5508, 16.7647

■ 249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

77.8880, -23.6088,
12.3762

77.8880, -23.6088,
12.3762

75.6880, -26.9612,
14.3056

80.0880, -20.2564,
10.4468

73.4880, -30.3136,
16.2350

82.2880, -16.9040,
8.5174

71.7610, -34.3922,
17.7496

84.0150, -12.8254,
7.0028

70.9460, -34.9764,
18.4644

86.2150, -9.4730,
5.0734

88.4150, -6.1206,
3.1440

■ 90.6150, -2.7682,
1.2146

■ 92.2280, 0.8736,
-0.2000

■ 94.5420, 4.6628,
-2.2293

■ 96.7420, 8.0152,
-4.1587

Harmonies

Analogous

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



79.3830, -20.8948, 28.6051



77.8880, -23.6088, 12.3762



75.4340, -18.4550, -7.3966

Triad

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



77.8880, -23.6088, 12.3762



66.0880, 19.6766, -57.9592



83.0970, 9.8122, 26.2249

Complementary

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



77.8880, -23.6088, 12.3762



44.1120, 23.6088, -12.3762

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.



82.3590, 19.0500, 3.1932



77.8880, -23.6088, 12.3762



66.2650, 27.9704, -58.1144

Square

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



77.8880, -23.6088, 12.3762



63.9390, 8.9041, -56.0745



75.0990, 26.5732, -29.9048



81.6010, -1.2823, 38.0609

Rectangle

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



77.8880, -23.6088, 12.3762



72.2840, -10.9860, -23.0511



75.0990, 26.5732, -29.9048



83.2640, 13.1808, 19.0625

Sweetspot

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



77.8880, -23.6088, 12.3762



114.3290, -9.0362, 4.9735



49.9060, -3.8977, 36.9164



57.6430, -5.2470, 2.9441



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.



77.8880, -23.6088, 12.3762



97.7890, -36.8710, 19.4790



79.2510, -24.2807, -5.4821



44.8430, -1.8946, 1.0147



84.5460, -41.6812, 22.3232



182.9800, -90.2091, 47.3755

Inverse Universe

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



44.1120, 23.6088, -12.3762



45.2110, 36.8710, -19.4790



42.7490, 24.2807, 5.4821



42.1570, 1.8946, -1.0147



24.8670, 41.9706, -21.8084



54.0200, 90.2091, -47.3755

Previews

White Background



This preview shows how the YUV color 77.8880, -23.6088, 12.3762 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 77.8880, -23.6088, 12.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

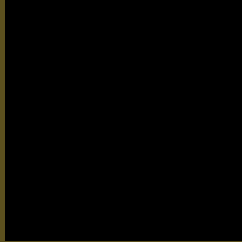
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8880, -23.6088, 12.3762

Background



This preview shows how black text looks on a background with the YUV color 77.8880, -23.6088, 12.3762.



This preview shows how white text looks on a background with the YUV color 77.8880, -23.6088,

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

77.8880, -23.6088, 12.3762

Protanopia

77.8770, -23.6034, 10.6319

Deuteranopia

78.6330, -23.4831, 18.7389



Tritanopia

81.9630, -0.4748, 12.3104

Trichromacy



Original Color

77.8880, -23.6088, 12.3762

Protanomaly

78.1760, -23.7508, 11.2466

Deuteranomaly

78.3230, -23.3302, 16.3797

Tritanomaly

80.6720, -9.2053, 12.5657

Monochromacy



Original Color

77.8880, -23.6088, 12.3762

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1440, -8.4520, 4.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8880, -23.6088, 12.3762 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(92, 80, 30)` looks like.

```
.text, #text, p{  
    color:rgb(92, 80, 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(92, 80, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 80, 30) }
```

Border

The CSS property to change the border of an element to YUV 77.8880, -23.6088, 12.3762 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(92, 80, 30) }
```


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

```
.border{ border-color:rgb(92, 80, 30) }
```

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

Here you see how a box with a 4 pixel rgb(92, 80, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 80, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 80, 30);  
box-shadow:4px 4px 4px 4px rgb(92, 80, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8880, -23.6088, 12.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 80, 30) }
```

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

```
.background{ background-color: rgb(92, 80,  
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](#).

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