

Converting Colors

YUV(77.9280, -24.1215,
36.8971)

Have a look what the booklet for
YUV(77.9280, -24.1215, 36.8971)
contains.

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Color

**YUV(77.9280, -24.1215,
36.8971)**

Conversions

Conversions Part 1

Format	Color
Hex	78421D
RGB	120, 66, 29
RGB Percent	47%, 26%, 11%
CMY	0.5294, 0.7412, 0.8863
CMYK	0.00, 0.45, 0.76, 0.53
HSL	24°, 61%, 29%
HSV	24°, 76%, 47%
XYZ	9.9157, 7.9782, 2.1797
YIQ	77.9280, 44.0610, -0.0590

Conversions

Conversions Part 2

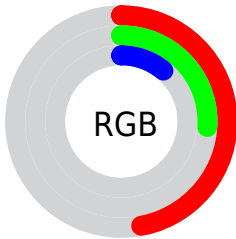
Format	Color
R_{YB}	120, 91, 29
Decimal	7881245
CIE _{Lab}	33.94, 20.13, 31.79
CIE _{LCh}	34, 37.630, 57.660
Yxy	7.9782, 0.4940, 0.3974
Android (android.graphics.Color)	4286071325 (0xFF78421D)
YUV	77.9280, -24.1215, 36.8971
Hunter-Lab	28.2457, 13.2328, 15.1966

Details

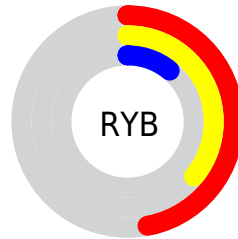
The YUV color **77.9280, -24.1215, 36.8971** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **71.0720, 24.1215, -36.8971**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.6790, -26.4637, 41.5005**, and **32.9470, -16.2429, 29.8645** is the 20% darker color. If you saturate the color by 10%, you get **72.4510, -27.3373, 41.7005**, and if you desaturate by 10%, it is **83.4050, -20.9057, 32.0938**.

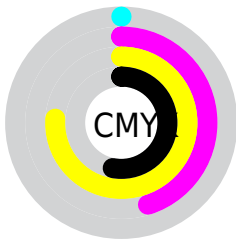
Distribution



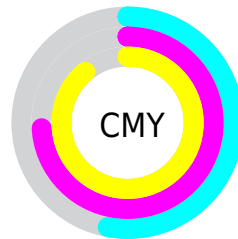
- Red (47%)
- Green (26%)
- Blue (11%)



- Red (47%)
- Yellow (36%)
- Blue (11%)



- Cyan (0%)
- Magenta (45%)
- Yellow (76%)
- Black (53%)



- Cyan (53%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9280, -24.1215, 36.8971 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 77.9280, -24.1215, 36.8971 by changing the saturation by 10% instead.

■ 77.9280, -24.1215,
36.8971

■ 77.9280, -24.1215,
36.8971

255.0000, 0.0000,
0.0000

■ 53.7320, -23.5319,
34.4380

■ 128.6790,
-26.4637, 41.5005

■ 32.9470, -16.2429,
29.8645

■ 154.7610,
-27.4902, 44.0596

■ 12.5580, -6.1911,
25.8206

■ 182.4300,
-28.8060, 46.1039

■ 0.0000, 0.0000,
0.0000

■ 207.3370,
-27.7741, 41.8005

■ 226.7370,
-24.5203, 24.7867

■ 246.9520,

-20.6823, 7.0581

252.4920, -9.6096,
2.1995

77.9280, -24.1215,
36.8971

77.9280, -24.1215,
36.8971

72.4510, -27.3373,
41.7005

83.4050, -20.9057,
32.0938

66.9740, -30.5532,
46.5038

88.8820, -17.6898,
27.2905

64.6430, -31.8690,
48.5481

94.3590, -14.4740,
22.4872

99.8360, -11.2581,
17.6838

105.9000, -8.3317,
12.3657

■ 111.3770, -5.1159,
7.5624

■ 116.8540, -1.9000,
2.7590

■ 122.3310, 1.3158,
-2.0443

■ 127.8080, 4.5317,
-6.8476

Harmonies

Analogous

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



78.2080, -11.9345, 48.0526



77.9280, -24.1215, 36.8971



76.3850, -30.7558, 18.0794

Triad

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



77.9280, -24.1215, 36.8971



63.8420, 5.9939, -55.9894



80.7370, 25.7657, -4.1543

Complementary

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



77.9280, -24.1215, 36.8971



71.0720, 24.1215, -36.8971

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.



65.1540, 36.4061, -57.1401



77.9280, -24.1215, 36.8971



67.3760, 19.5346, -59.0888

Square

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



77.9280, -24.1215, 36.8971



66.1360, -9.9270, -36.0763



68.2370, 30.4492, -59.8438



82.0740, 14.7535, 27.9991

Rectangle

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



77.9280, -24.1215, 36.8971



74.8670, -28.5284, 3.6246



68.2370, 30.4492, -59.8438



77.8600, 29.1560, -18.2942

Sweetspot

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



77.9280, -24.1215, 36.8971



138.9820, -9.3581, 14.9248



62.4790, 10.6099, 50.4459



68.8610, -5.8475, 8.8919



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



77.9280, -24.1215, 36.8971



90.5040, -37.7165, 57.4400



104.3430, -37.1441, 13.7312



58.5550, -1.7526, 2.1443



67.3120, -33.1848, 50.5924



135.8090, -66.9538, 101.8995

Inverse Universe

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



71.0720, 24.1215, -36.8971



79.4960, 37.7165, -57.4400



44.6570, 37.1441, -13.7312



58.0320, 1.4632, -2.6591



57.6880, 33.1848, -50.5924



116.7780, 66.6644, -102.4143

Previews

White Background



This preview shows how the YUV color 77.9280, -24.1215, 36.8971 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 77.9280, -24.1215, 36.8971 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 77.9280, -24.1215, 36.8971

Background



This preview shows how black text looks on a background with the YUV color 77.9280, -24.1215, 36.8971.



This preview shows how white text looks on a background with the YUV color 77.9280, -24.1215,

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

77.9280, -24.1215, 36.8971

Protanopia

78.2190, -22.2930, 10.3319

Deuteranopia

77.7750, -25.5251, 20.3683



Tritanopia

80.3960, -7.0972, 36.4867

Trichromacy



Original Color

77.9280, -24.1215, 36.8971

Protanomaly

78.4590, -22.9043, 19.7685

Deuteranomaly

77.6340, -24.9626, 26.6310

Tritanomaly

79.2020, -12.9176, 36.6568

Monochromacy



Original Color

77.9280, -24.1215, 36.8971

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0850, -8.9159, 13.0805

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9280, -24.1215, 36.8971 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(120, 66, 29)` looks like.

```
.text, #text, p{  
    color:rgb(120, 66, 29)  
}
```

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(120, 66, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 66, 29) }
```

Border

The CSS property to change the border of an element to YUV 77.9280, -24.1215, 36.8971 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(120, 66, 29) }
```


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

```
.border{ border-color:rgb(120, 66, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 66, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 66, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 66, 29);  
box-shadow:4px 4px 4px 4px rgb(120, 66,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 77.9280, -24.1215, 36.8971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 66, 29) }
```

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

```
.background{ background-color: rgb(120, 66,  
29) }
```

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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