

Converting Colors

YUV(77.1620, -12.4049,
12.1359)

Have a look what the booklet for
YUV(77.1620, -12.4049, 12.1359)
contains.

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Color

**YUV(77.1620, -12.4049,
12.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4B34
RGB	91, 75, 52
RGB Percent	36%, 29%, 20%
CMY	0.6431, 0.7059, 0.7961
CMYK	0.00, 0.18, 0.43, 0.64
HSL	35°, 27%, 28%
HSV	35°, 43%, 36%
XYZ	7.4503, 7.5042, 4.3046
YIQ	77.1620, 16.9190, -3.7610

Conversions

Conversions Part 2

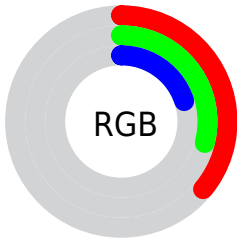
Format	Color
RYB	79, 91, 52
Decimal	5983028
CIELab	32.93, 3.09, 16.23
CIElCh	33, 16.518, 79.231
Yxy	7.5042, 0.3868, 0.3896
Android (android.graphics.Color)	4284173108 (0xFF5B4B34)
YUV	77.1620, -12.4049, 12.1359
Hunter-Lab	27.3939, 0.6073, 9.8590

Details

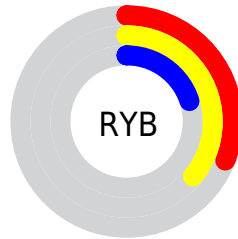
The YUV color **77.1620, -12.4049, 12.1359** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **65.8380, 12.4049, -12.1359**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5320, -13.5733, 13.5654**, and **32.1510, -12.3994, 10.3916** is the 20% darker color. If you saturate the color by 10%, you get **73.7880, -15.1785, 15.0949**, and if you desaturate by 10%, it is **80.5360, -9.6312, 9.1769**.

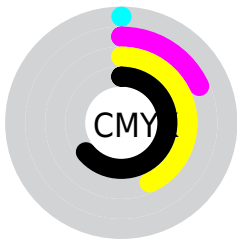
Distribution



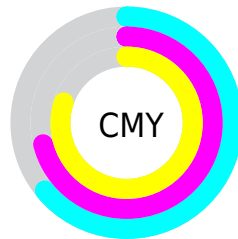
- Red (36%)
- Green (29%)
- Blue (20%)



- Red (31%)
- Yellow (36%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (64%)



- Cyan (64%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1620, -12.4049, 12.1359 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 77.1620, -12.4049, 12.1359 by changing the saturation by 10% instead.

■ 77.1620, -12.4049,
12.1359

■ 77.1620, -12.4049,
12.1359

255.0000, 0.0000,
0.0000

■ 54.0910, -11.3839,
11.3212

■ 126.5320,
-13.5733, 13.5654

■ 32.1510, -12.3994,
10.3916

■ 152.1300,
-13.8681, 14.7950

■ 10.9750, -5.4107,
8.7919

■ 179.0160,
-14.3049, 14.8950

■ 0.0000, 0.0000,
0.0000

■ 207.0870,
-15.3259, 15.7097

■ 235.0870,
-15.3259, 15.7097

■ 252.3780,

-10.0464, 2.2995

■ 77.1620, -12.4049,
12.1359

■ 77.1620, -12.4049,
12.1359

■ 73.7880, -15.1785,
15.0949

■ 80.5360, -9.6312,
9.1769

■ 71.0010, -18.2415,
17.5391

■ 83.3230, -6.5682,
6.7327

■ 67.6270, -21.0151,
20.4981

■ 86.6970, -3.7946,
3.7737

■ 64.2530, -23.7887,
23.4571

■ 90.0710, -1.0210,
0.8147

■ 60.7650, -26.9991,
26.5161

■ 93.5590, 2.1894,
-2.2442

■ 58.9070, -29.0412,
28.1456

■ 96.3460, 5.2524,
-4.6884

■ 99.7200, 8.0260,
-7.6474

■ 103.0940, 10.7997,
-10.6064

■ 106.4680, 13.5733,
-13.5654

Harmonies

Analogous

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



78.1890, -9.9532, 19.1282



77.1620, -12.4049, 12.1359



75.7370, -11.2093, 1.9847

Triad

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



77.1620, -12.4049, 12.1359



71.0610, 7.3649, -28.9945



79.1180, 7.8298, 8.6665

Complementary

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



77.1620, -12.4049, 12.1359



65.8380, 12.4049, -12.1359

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.



78.0670, 11.7990, -4.4438



77.1620, -12.4049, 12.1359



71.4400, 12.6011, -28.4499

Square

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



77.1620, -12.4049, 12.1359



71.8680, 0.0651, -20.9322



74.8480, 13.8789, -18.2837



79.2780, 1.8349, 18.1732

Rectangle

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



77.1620, -12.4049, 12.1359



74.9640, -8.8563, -6.1074



74.8480, 13.8789, -18.2837



79.1390, 9.2985, 4.2631

Sweetspot

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



77.1620, -12.4049, 12.1359



111.7680, -4.8156, 4.5885



65.4850, 1.2399, 22.3767



55.5120, -3.2104, 3.0590



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



77.1620, -12.4049, 12.1359



96.0720, -19.2625, 18.3539



85.6570, -16.5929, 2.0548



44.2560, -1.6052, 1.5295



71.0450, -35.0252, 34.1635



153.0430, -75.4502, 73.6303

Inverse Universe

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



65.8380, 12.4049, -12.1359



78.5150, 18.9731, -18.8687



57.3430, 16.5929, -2.0548



42.7440, 1.6052, -1.5295



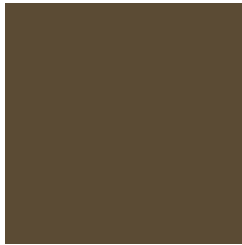
38.9550, 35.0252, -34.1635



83.9570, 75.4502, -73.6303

Previews

White Background



This preview shows how the YUV color 77.1620, -12.4049, 12.1359 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 77.1620, -12.4049, 12.1359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

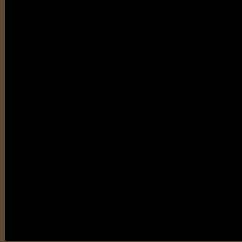
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1620, -12.4049, 12.1359

Background



This preview shows how black text looks on a background with the YUV color 77.1620, -12.4049, 12.1359.



This preview shows how white text looks on a background with the YUV color 77.1620, -12.4049,

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

77.1620, -12.4049, 12.1359

Protanopia

76.9440, -11.8044, 6.1881

Deuteranopia

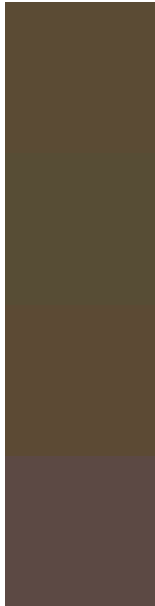
77.1730, -12.4103, 13.8803



Tritanopia

78.8490, -0.9116, 12.4104

Trichromacy



Original Color

77.1620, -12.4049, 12.1359

Protanomaly

77.2540, -11.9572, 8.5472

Deuteranomaly

76.8740, -12.2629, 13.2655

Tritanomaly

78.1110, -4.9847, 12.1807

Monochromacy



Original Color

77.1620, -12.4049, 12.1359

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1620, -12.4049, 12.1359 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(91, 75, 52)` looks like.

```
.text, #text, p{  
    color:rgb(91, 75, 52)  
}
```

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(91, 75, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 75, 52) }
```

Border

The CSS property to change the border of an element to YUV 77.1620, -12.4049, 12.1359 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(91, 75, 52) }
```


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

```
.border{ border-color:rgb(91, 75, 52) }
```

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

Here you see how a box with a 4 pixel rgb(91, 75, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 75, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 75, 52);  
box-shadow:4px 4px 4px 4px rgb(91, 75, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.1620, -12.4049, 12.1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 75, 52) }
```

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

```
.background{ background-color: rgb(91, 75,  
52) }
```

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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