

Converting Colors

YUV(77.1500, -27.6820,
12.1464)

Have a look what the booklet for
YUV(77.1500, -27.6820, 12.1464)
contains.

YUV(77.1500, -27.6820, 12.1464)	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(77.1500, -27.6820,
12.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5115
RGB	91, 81, 21
RGB Percent	36%, 32%, 8%
CMY	0.6431, 0.6824, 0.9176
CMYK	0.00, 0.11, 0.77, 0.64
HSL	51°, 63%, 22%
HSV	51°, 77%, 36%
XYZ	7.3922, 8.1631, 1.8955
YIQ	77.1500, 25.2200, -16.5400

Conversions

Conversions Part 2

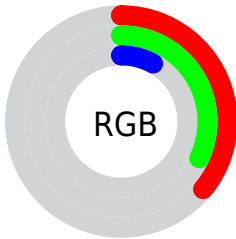
Format	Color
RYB	33, 91, 21
Decimal	5984533
CIELab	34.32, -3.47, 34.92
CIELCh	34, 35.097, 95.677
Yxy	8.1631, 0.4236, 0.4678
Android (android.graphics.Color)	4284174613 (0xFF5B5115)
YUV	77.1500, -27.6820, 12.1464
Hunter-Lab	28.5712, -3.8167, 16.0664

Details

The YUV color **77.1500, -27.6820, 12.1464** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34.8500, 27.6820, -12.1465**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8190, -28.9978, 14.1907**, and **34.2770, -16.8986, 6.7731** is the 20% darker color. If you saturate the color by 10%, you get **75.5370, -31.3237, 13.5611**, and if you desaturate by 10%, it is **78.7630, -24.0402, 10.7318**.

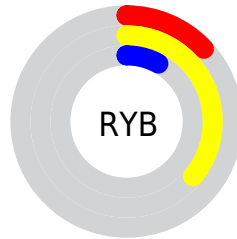
Distribution



 Red (36%)

 Green (32%)

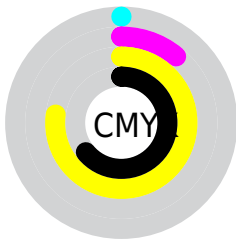
 Blue (8%)



 Red (13%)

 Yellow (36%)

 Blue (8%)

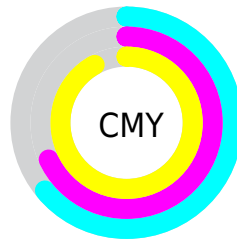


 Cyan (0%)

 Magenta (11%)

 Yellow (77%)

 Black (64%)



 Cyan (64%)

 Magenta (68%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1500, -27.6820, 12.1464 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 77.1500, -27.6820, 12.1464 by changing the saturation by 10% instead.

■ 77.1500, -27.6820,
12.1464

■ 77.1500, -27.6820,
12.1464

255.0000, 0.0000,
0.0000

■ 53.7800, -26.5135,
10.7169

■ 126.8190,
-28.9978, 14.1907

■ 34.2770, -16.8986,
6.7731

■ 153.3030,
-29.7294, 15.5203

■ 13.8770, -6.8414,
0.9849

■ 180.3740,
-30.7504, 16.3350

■ 0.0000, 0.0000,
0.0000

■ 207.5590,
-31.3346, 17.0498

■ 236.0320,
-32.0608, 16.6349

■ 248.6160,

-24.4607, 5.5988

■ 251.8080,
-12.2303, 2.7994

■ 77.1500, -27.6820,
12.1464

■ 77.1500, -27.6820,
12.1464

■ 75.5370, -31.3237,
13.5611

■ 78.7630, -24.0402,
10.7318

■ 73.3370, -34.6761,
15.4905

■ 80.9630, -20.6878,
8.8024

■ 72.9950, -35.9865,
15.7904

■ 82.5760, -17.0460,
7.3878

■ 84.1890, -13.4042,
5.9732

■ 86.3890, -10.0518,
4.0438

■ 88.1160, -5.9732,
2.5293

■ 89.7290, -2.3314,
1.1147

■ 91.3420, 1.3104,
-0.2999

■ 93.5420, 4.6628,
-2.2293

Harmonies

Analogous

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



79.0690, -24.6840, 30.6345



77.1500, -27.6820, 12.1464



73.9560, -20.1913, -10.4854

Triad

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



77.1500, -27.6820, 12.1464



67.9460, 21.7186, -59.5886



82.6570, 10.5221, 31.8728

Complementary

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



77.1500, -27.6820, 12.1464



34.8500, 27.6820, -12.1465

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.



82.6520, 21.3706, 5.5672



77.1500, -27.6820, 12.1464



67.7640, 31.1753, -59.4290

Square

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



77.1500, -27.6820, 12.1464



64.8680, 9.9251, -56.8892



73.8040, 30.6626, -34.9081



80.1180, -2.0302, 44.6235

Rectangle

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



77.1500, -27.6820, 12.1464



70.2400, -10.9643, -30.0285



73.8040, 30.6626, -34.9081



83.0520, 14.7644, 24.5104

Sweetspot

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



77.1500, -27.6820, 12.1464



111.5740, -10.6360, 4.7586



43.1840, -5.5137, 41.9346



55.3010, -6.5574, 3.2440



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.



77.1500, -27.6820, 12.1464



95.8830, -42.8333, 18.5196



75.5450, -26.8907, -8.3710



44.8430, -1.8946, 1.0147



88.0680, -43.4175, 19.2344



190.0240, -93.6818, 41.1980

Inverse Universe

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



34.8500, 27.6820, -12.1465



30.7040, 42.5439, -19.0344



36.1560, 27.0381, 7.7562



42.1570, 1.8946, -1.0147



21.9320, 43.4175, -19.2344



46.9760, 93.6818, -41.1980

Previews

White Background



This preview shows how the YUV color 77.1500, -27.6820, 12.1464 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 77.1500, -27.6820, 12.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

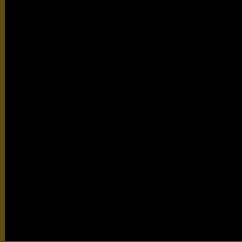
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1500, -27.6820, 12.1464

Background



This preview shows how black text looks on a background with the YUV color 77.1500, -27.6820, 12.1464.



This preview shows how white text looks on a background with the YUV color 77.1500, -27.6820,

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

77.1500, -27.6820, 12.1464

Protanopia

77.1500, -27.6820, 12.1464

Deuteranopia

78.3190, -27.2723, 20.7682



Tritanopia

82.2510, -0.6167, 11.1809

Trichromacy



Original Color

77.1500, -27.6820, 12.1464

Protanomaly

77.1500, -27.6820, 12.1464

Deuteranomaly

77.5960, -27.4088, 17.8943

Tritanomaly

80.6180, -10.6577, 11.7360

Monochromacy



Original Color

77.1500, -27.6820, 12.1464

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1500, -27.6820, 12.1464 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, 81, 21)` looks like.

```
.text, #text, p{  
    color:rgb(91, 81, 21)  
}
```

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, 81, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 81, 21) }
```

Border

The CSS property to change the border of an element to YUV 77.1500, -27.6820, 12.1464 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, 81, 21) }
```


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

```
.border{ border-color:rgb(91, 81, 21) }
```

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

Here you see how a box with a 4 pixel rgb(91, 81, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 81, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 81, 21);  
box-shadow:4px 4px 4px 4px rgb(91, 81, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.1500, -27.6820, 12.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 81, 21) }
```

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

```
.background{ background-color: rgb(91, 81,  
21) }
```

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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