

Converting Colors

YUV(77.2550, -12.9437,
91.8614)

Have a look what the booklet for
YUV(77.2550, -12.9437, 91.8614)
contains.

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Color

**YUV(77.2550, -12.9437,
91.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	B61D33
RGB	182, 29, 51
RGB Percent	71%, 11%, 20%
CMY	0.2863, 0.8863, 0.8000
CMYK	0.00, 0.84, 0.72, 0.29
HSL	351°, 73%, 41%
HSV	351°, 84%, 71%
XYZ	20.3283, 11.0628, 4.1959
YIQ	77.2550, 84.1260, 39.2780

Conversions

Conversions Part 2

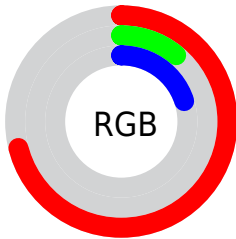
Format	Color
R _Y B	182, 29, 51
Decimal	11935027
CIE Lab	39.69, 58.99, 28.46
CIE LCh	40, 65.493, 25.753
Yxy	11.0628, 0.5712, 0.3109
Android (android.graphics.Color)	4290125107 (0xFFB61D33)
YUV	77.2550, -12.9437, 91.8614
Hunter-Lab	33.2608, 50.8889, 15.8031

Details

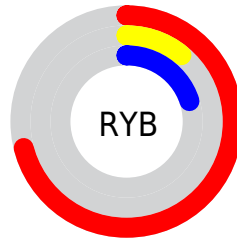
The YUV color **77.2550, -12.9437, 91.8614** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **133.7450, 12.9437, -91.8614**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3170, -20.3693, 93.5610**, and **36.9770, -14.7787, 73.6882** is the 20% darker color. If you saturate the color by 10%, you get **64.8650, -14.7234, 102.7274**, and if you desaturate by 10%, it is **89.6450, -11.1640, 80.9953**.

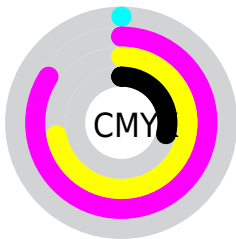
Distribution



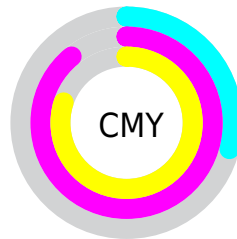
- Red (71%)
- Green (11%)
- Blue (20%)



- Red (71%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (84%)
- Yellow (72%)
- Black (29%)



- Cyan (29%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2550, -12.9437, 91.8614 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 77.2550, -12.9437, 91.8614 by changing the saturation by 10% instead.

■ 77.2550, -12.9437,
91.8614

■ 77.2550, -12.9437,
91.8614

255.0000, 0.0000,
0.0000

■ 48.5690, -9.1545,
89.8320

■ 138.3170,
-20.3693, 93.5610

■ 36.9770, -14.7787,
73.6882

■ 160.5930,
-19.0263, 82.7949

■ 27.2090, -13.4140,
55.9447

■ 179.9930,
-15.7725, 65.7811

■ 19.1790, -7.9762,
38.4310

■ 199.5070,
-12.0820, 48.6674

■ 8.4860, -3.6906,
17.1138

■ 219.6080, -8.6807,
31.0388

■ 0.0000, 0.0000,
0.0000

■ 239.8230, -4.8427,

■ 77.2550, -12.9437,
91.8614

■ 77.2550, -12.9437,
91.8614

■ 64.8650, -14.7234,
102.7274

■ 89.6450, -11.1640,
80.9953

■ 57.3820, -15.4713,
109.2900

■ 101.9210, -9.8211,
70.2293

■ 114.8980, -8.3307,
58.8485

■ 127.1740, -6.9878,
48.0824

■ 139.5640, -5.2081,
37.2164

■ 151.8400, -3.8651,
26.4503

■ 164.2300, -2.0854,
15.5843

■ 177.2070, -0.5951,
4.2035

■ 189.4830, 0.7479,
-6.5626

Harmonies

Analogous

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



73.0190, 15.2736, 94.6993



77.2550, -12.9437, 91.8614



85.1090, -41.9587, 64.8024

Triad

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



77.2550, -12.9437, 91.8614



68.5940, -21.4918, -60.1569



83.3750, 57.9891, -73.1199

Complementary

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



77.2550, -12.9437, 91.8614



133.7450, 12.9437, -91.8614

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.



87.0790, 46.7961, -76.3683



77.2550, -12.9437, 91.8614



77.0810, 3.4111, -67.6000

Square

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



77.2550, -12.9437, 91.8614



81.6790, -40.2677, -11.1195



83.9380, 27.1456, -73.6136



90.2290, 49.6801, -21.2488

Rectangle

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



77.2550, -12.9437, 91.8614



88.4990, -43.6300, 40.7814



83.9380, 27.1456, -73.6136



85.3810, 55.5212, -74.8791

Sweetspot

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



77.2550, -12.9437, 91.8614



196.5530, -5.2026, 35.4720



85.3120, 47.6672, 64.6244



95.3340, -3.1227, 21.6321



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



77.2550, -12.9437, 91.8614



74.7390, -20.0843, 142.3029



106.4450, -38.1804, 66.2617



85.8050, -0.8899, 5.4330



49.1520, -13.3859, 93.7057



8.8280, -2.3802, 16.8138

Inverse Universe

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



77.2550, -12.9437, 91.8614



74.7390, -20.0843, 142.3029



104.5550, 38.1804, -66.2617



85.8050, -0.8899, 5.4330



49.1520, -13.3859, 93.7057



8.8280, -2.3802, 16.8138

Previews

White Background



This preview shows how the YUV color 77.2550, -12.9437, 91.8614 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 × Fail

Black Background



This preview shows how the YUV color 77.2550, -12.9437, 91.8614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 77.2550, -12.9437, 91.8614

Background



This preview shows how black text looks on a background with the YUV color 77.2550, -12.9437, 91.8614.



This preview shows how white text looks on a background with the YUV color 77.2550, -12.9437,

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

77.2550, -12.9437, 91.8614

Protanopia

94.2860, -10.4940, 5.8882

Deuteranopia

92.9000, -25.0937, 22.0127



Tritanopia

77.1380, -22.2530, 91.0870

Trichromacy



Original Color

77.2550, -12.9437, 91.8614

Protanomaly

87.9570, -11.3178, 36.8717

Deuteranomaly

87.2050, -20.8071, 47.1782

Tritanomaly

77.3490, -18.9061, 90.9019

Monochromacy



Original Color

77.2550, -12.9437, 91.8614

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3570, -4.6130, 33.0129

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2550, -12.9437, 91.8614 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(182, 29, 51)` looks like.

```
.text, #text, p{  
    color:rgb(182, 29, 51)  
}
```

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(182, 29, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 29, 51) }
```

Border

The CSS property to change the border of an element to YUV 77.2550, -12.9437, 91.8614 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(182, 29, 51) }
```


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

```
.border{ border-color:rgb(182, 29, 51) }
```

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

Here you see how a box with a 4 pixel rgb(182, 29, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 29, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 29, 51);  
box-shadow:4px 4px 4px 4px rgb(182, 29,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 77.2550, -12.9437, 91.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 29, 51) }
```

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

```
.background{ background-color: rgb(182, 29,  
51) }
```

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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