

Converting Colors

YUV(61.5290, 1.7112, 104.7761)

Have a look what the booklet for
YUV(61.5290, 1.7112, 104.7761)
contains.

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Color

**YUV(61.5290, 1.7112,
104.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	B50041
RGB	181, 0, 65
RGB Percent	71%, 0%, 25%
CMY	0.2902, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.64, 0.29
HSL	338°, 100%, 35%
HSV	338°, 100%, 71%
XYZ	20.0102, 10.2054, 5.9162
YIQ	61.5290, 87.0110, 58.5870

Conversions

Conversions Part 2

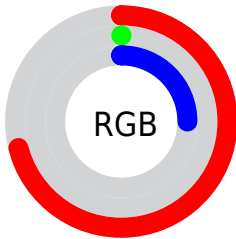
Format	Color
R_{YB}	181, 0, 65
Decimal	11862081
CIE Lab	38.21, 63.79, 17.71
CIE LCh	38, 66.201, 15.518
Yxy	10.2054, 0.5538, 0.2824
Android (android.graphics.Color)	4290052161 (0xFFB50041)
YUV	61.5290, 1.7112, 104.7761
Hunter-Lab	31.9459, 55.9030, 11.3819

Details

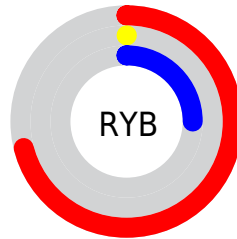
The YUV color **61.5290, 1.7112, 104.7761** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **119.4710, -1.7112, -104.7761**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9720, -10.3392, 96.4946**, and **38.6160, -7.2057, 71.3738** is the 20% darker color. If you saturate the color by 10%, you get **61.5290, 1.7112, 104.7761**, and if you desaturate by 10%, it is **73.4630, 1.7437, 94.3099**.

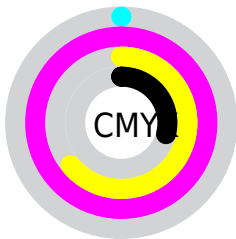
Distribution



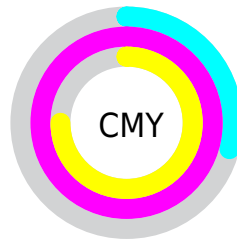
- Red (71%)
- Green (0%)
- Blue (25%)



- Red (71%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5290, 1.7112, 104.7761 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 61.5290, 1.7112, 104.7761 by changing the saturation by 10% instead.

■ 61.5290, 1.7112,
104.7761

■ 61.5290, 1.7112,
104.7761

255.0000, 0.0000,
0.0000

■ 49.7520, -3.3287,
87.9175

■ 132.9720,
-10.3392, 96.4946

■ 38.6160, -7.2057,
71.3738

■ 156.5470, -9.1437,
86.3433

■ 27.0240, -12.8298,
55.2300

■ 176.5340, -6.1793,
68.8147

■ 18.8800, -7.8288,
37.8162

■ 196.6350, -2.7781,
51.1861

■ 7.8880, -3.3958,
15.8842

■ 216.8500, 1.0600,
33.4576

■ 0.0000, 0.0000,
0.0000

■ 237.0650, 4.8980,

15.7290

■ 61.5290, 1.7112,
104.7761

■ 73.4630, 1.7437,
94.3099

■ 85.2830, 1.3395,
83.9438

■ 97.2170, 1.3720,
73.4777

■ 109.0370, 0.9678,
63.1116

■ 121.5580, 0.7109,
52.1306

■ 133.4920, 0.7434,
41.6645

■ 145.3120, 0.3392,
31.2984

■ 157.2460, 0.3717,
20.8323

■ 169.0660, -0.0325,
10.4661

Harmonies

Analogous

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



72.5000, 22.4315, 85.5075



61.5290, 1.7112, 104.7761



79.1240, -34.5711, 75.3133

Triad

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



61.5290, 1.7112, 104.7761



62.2220, -30.6754, -54.5687



83.2780, 55.0789, -73.0348

Complementary

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



61.5290, 1.7112, 104.7761



119.4710, -1.7112, -104.7761

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.



84.0810, 40.3861, -73.7390



61.5290, 1.7112, 104.7761



72.1110, -5.4777, -63.2413

Square

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



61.5290, 1.7112, 104.7761



81.7670, -40.3111, 2.8353



79.0820, 18.6936, -69.3549



73.2990, 59.9986, -64.2832

Rectangle

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



61.5290, 1.7112, 104.7761



84.1460, -41.4840, 52.4920



79.0820, 18.6936, -69.3549



84.2410, 51.1532, -73.8794

Sweetspot

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



61.5290, 1.7112, 104.7761



188.0790, 0.4541, 41.1497



55.0190, 62.1086, 52.6033



89.2680, 0.3609, 24.3210



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



61.5290, 1.7112, 104.7761



79.8410, 2.0504, 136.0744



68.2070, -33.6261, 98.9195



83.1470, 0.4205, 5.1331



52.0170, 1.4706, 88.5621



8.8000, 0.0986, 15.0844

Inverse Universe

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



61.5290, 1.7112, 104.7761



79.8410, 2.0504, 136.0744



112.7930, 33.6261, -98.9195



83.1470, 0.4205, 5.1331



52.0170, 1.4706, 88.5621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 61.5290, 1.7112, 104.7761 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 61.5290, 1.7112, 104.7761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

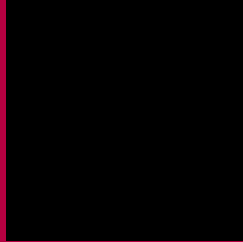
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5290, 1.7112, 104.7761

Background



This preview shows how black text looks on a background with the YUV color 61.5290, 1.7112, 104.7761.



This preview shows how white text looks on a background with the YUV color 61.5290, 1.7112,

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

61.5290, 1.7112, 104.7761

Protanopia

92.9400, 1.0156, 0.9296

Deuteranopia

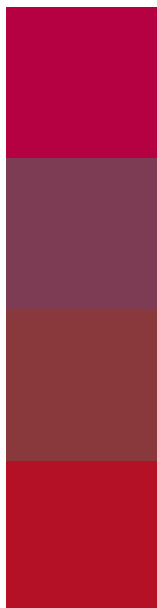
92.2290, -17.3679, 17.3392



Tritanopia

71.8180, -23.5743, 94.8756

Trichromacy



Original Color

61.5290, 1.7112, 104.7761

Protanomaly

81.8830, 1.0437, 38.6906

Deuteranomaly

81.2620, -10.4822, 48.8822

Tritanomaly

68.2450, -14.4178, 98.0091

Monochromacy



Original Color

61.5290, 1.7112, 104.7761

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.4700, 0.7543, 38.1758

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5290, 1.7112, 104.7761 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(181, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 65)  
}
```

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(181, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 65) }
```

Border

The CSS property to change the border of an element to YUV 61.5290, 1.7112, 104.7761 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(181, 0, 65) }
```


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

```
.border{ border-color:rgb(181, 0, 65) }
```

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

Here you see how a box with a 4 pixel rgb(181, 0, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 65);  
box-shadow:4px 4px 4px 4px rgb(181, 0, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.5290, 1.7112, 104.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 65) }
```

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

```
.background{ background-color: rgb(181, 0,  
65) }
```

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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