

Converting Colors

YUV(61.2560, -10.9722,
112.9085)

Have a look what the booklet for
YUV(61.2560, -10.9722, 112.9085)
contains.

YUV(61.2560, -10.9722, 112.9085)	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(61.2560, -10.9722,
112.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	BE0027
RGB	190, 0, 39
RGB Percent	75%, 0%, 15%
CMY	0.2549, 1.0000, 0.8471
CMYK	0.00, 1.00, 0.79, 0.25
HSL	348°, 100%, 37%
HSV	348°, 100%, 75%
XYZ	21.6014, 11.0936, 2.9222
YIQ	61.2560, 100.7210, 52.4090

Conversions

Conversions Part 2

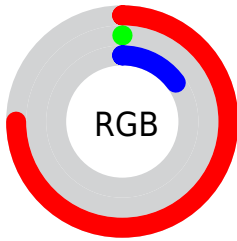
Format	Color
R_{YB}	190, 0, 39
Decimal	12451879
CIE Lab	39.74, 64.88, 36.22
CIE LCh	40, 74.306, 29.172
Yxy	11.0936, 0.6065, 0.3115
Android (android.graphics.Color)	4290641959 (0xFFBE0027)
YUV	61.2560, -10.9722, 112.9085
Hunter-Lab	33.3071, 57.4792, 18.1131

Details

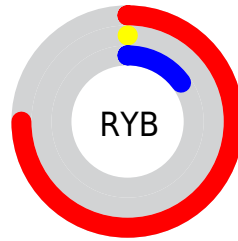
The YUV color **61.2560, -10.9722, 112.9085** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **128.7440, 10.9722, -112.9085**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6560, -24.4804, 105.5417**, and **37.9730, -18.7207, 78.0767** is the 20% darker color. If you saturate the color by 10%, you get **61.2560, -10.9722, 112.9085**, and if you desaturate by 10%, it is **74.1190, -9.9187, 101.6276**.

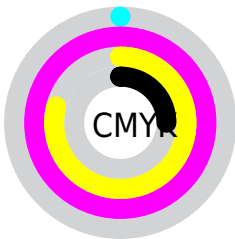
Distribution



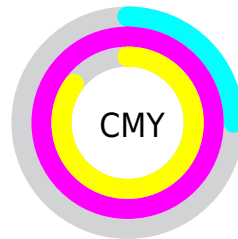
- Red (75%)
- Green (0%)
- Blue (15%)



- Red (75%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2560, -10.9722, 112.9085 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 61.2560, -10.9722, 112.9085 by changing the saturation by 10% instead.

■ 61.2560, -10.9722,
112.9085

■ 61.2560, -10.9722,
112.9085

255.0000, 0.0000,
0.0000

■ 49.2940, -15.4279,
95.3352

■ 133.6560,
-24.4804, 105.5417

■ 37.9730, -18.7207,
78.0767

■ 154.4150,
-22.3896, 88.2130

■ 28.7040, -14.1511,
59.0186

■ 174.2880,
-19.8620, 70.7844

■ 20.6740, -8.7133,
41.5049

■ 193.6880,
-16.6082, 53.7706

■ 10.2800, -4.5750,
20.8024


■ 213.9030,
-12.7702, 36.0421


■ 0.0000, 0.0000,
0.0000


■ 234.5910, -9.6584,


17.8987


 253.7460, -4.8048,
1.0998


 61.2560, -10.9722,
112.9085

 74.1190, -9.9187,
101.6276

 86.9820, -8.8651,
90.3468

 99.8450, -7.8116,
79.0659

 112.7080, -6.7580,
67.7851

 125.6850, -5.2677,
56.4043

■ 138.5480, -4.2142,
45.1234

■ 151.4110, -3.1606,
33.8426

■ 164.2740, -2.1071,
22.5617

■ 177.1370, -1.0535,
11.2809

Harmonies

Analogous

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



68.8790, 14.3567, 108.8541



61.2560, -10.9722, 112.9085



85.4190, -42.1116, 67.1615

Triad

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



61.2560, -10.9722, 112.9085



69.4260, -23.3810, -60.8866



85.1990, 64.9779, -74.7195

Complementary

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



61.2560, -10.9722, 112.9085



128.7440, 10.9722, -112.9085

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.



90.1910, 53.6428, -79.0975



61.2560, -10.9722, 112.9085



78.9390, 5.4531, -69.2295

Square

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



61.2560, -10.9722, 112.9085



78.9550, -38.9248, -21.8855



86.5940, 32.2452, -75.9429



90.5270, 54.4632, -15.3712

Rectangle

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



61.2560, -10.9722, 112.9085



88.4880, -43.6246, 39.0370



86.5940, 32.2452, -75.9429



87.9060, 62.6573, -77.0936

Sweetspot

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



61.2560, -10.9722, 112.9085



196.8360, -4.3561, 43.9938



66.2110, 61.0280, 72.6060



94.4810, -2.7021, 26.7652



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



61.2560, -10.9722, 112.9085



79.6670, -14.1328, 146.7510



88.5080, -43.6344, 89.0085



87.9190, -0.4531, 5.3330



50.8900, -9.3128, 93.9355



9.9530, -1.9488, 18.4582

Inverse Universe

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



61.2560, -10.9722, 112.9085



79.6670, -14.1328, 146.7510



101.4920, 43.6344, -89.0085



87.9190, -0.4531, 5.3330



50.8900, -9.3128, 93.9355



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 61.2560, -10.9722, 112.9085 looks on a white background.

Color Contrast Check

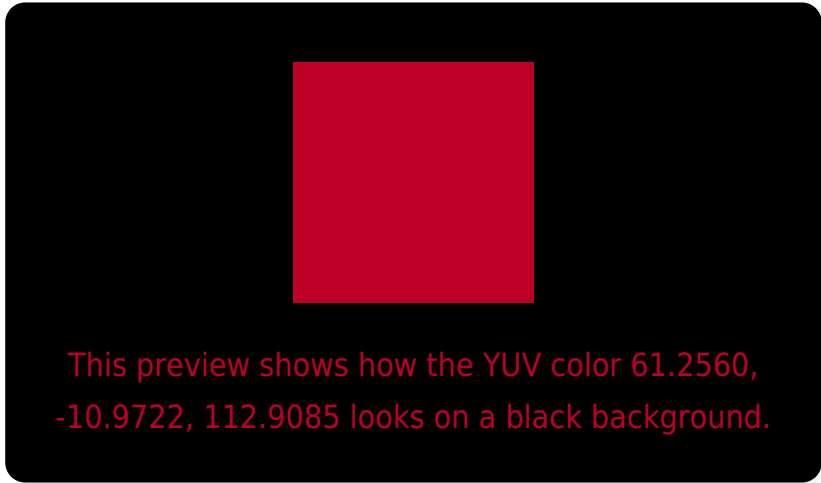
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 61.2560, -10.9722, 112.9085

Background



This preview shows how black text looks on a background with the YUV color 61.2560, -10.9722, 112.9085.



This preview shows how white text looks on a background with the YUV color 61.2560, -10.9722,

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

61.2560, -10.9722, 112.9085

Protanopia

94.5870, -17.0514, 9.1322

Deuteranopia

92.4460, -33.2509, 25.0419



Tritanopia

66.7890, -32.9270, 108.0560

Trichromacy



Original Color

61.2560, -10.9722, 112.9085

Protanomaly

82.3990, -14.9867, 47.0081

Deuteranomaly

81.1200, -25.2022, 56.8998

Tritanomaly

64.8630, -25.0755, 109.7451

Monochromacy



Original Color

61.2560, -10.9722, 112.9085

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2270, -4.0559, 41.0199

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2560, -10.9722, 112.9085 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(190, 0, 39)` looks like.

```
.text, #text, p{  
    color:rgb(190, 0, 39)  
}
```

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(190, 0, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 39) }
```

Border

The CSS property to change the border of an element to YUV 61.2560, -10.9722, 112.9085 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(190, 0, 39) }
```


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

```
.border{ border-color:rgb(190, 0, 39) }
```

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

Here you see how a box with a 4 pixel rgb(190, 0, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 0, 39);  
box-shadow:4px 4px 4px 4px rgb(190, 0, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.2560, -10.9722, 112.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 39) }
```

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

```
.background{ background-color: rgb(190, 0,  
39) }
```

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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