

Converting Colors

YUV(63.9560, -29.5583,
100.8936)

Have a look what the booklet for
YUV(63.9560, -29.5583, 100.8936)
contains.

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Color

**YUV(63.9560, -29.5583,
100.8936)**

Conversions

Conversions Part 1

Format	Color
Hex	B31104
RGB	179, 17, 4
RGB Percent	70%, 7%, 2%
CMY	0.2980, 0.9333, 0.9843
CMYK	0.00, 0.91, 0.98, 0.30
HSL	4°, 96%, 36%
HSV	4°, 98%, 70%
XYZ	18.8128, 9.9934, 1.0522
YIQ	63.9560, 100.7250, 30.3010

Conversions

Conversions Part 2

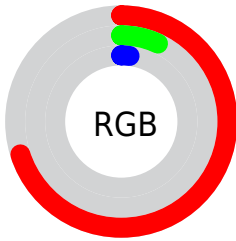
Format	Color
R_{YB}	179, 18, 4
Decimal	11735300
CIE Lab	37.83, 59.36, 50.21
CIE LCh	38, 77.749, 40.226
Yxy	9.9934, 0.6301, 0.3347
Android (android.graphics.Color)	4289925380 (0xFFB31104)
YUV	63.9560, -29.5583, 100.8936
Hunter-Lab	31.6123, 50.9055, 20.1551

Details

The YUV color **63.9560, -29.5583, 100.8936** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **119.0440, 29.5583, -100.8936**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0070, -36.9785, 100.8489**, and **34.6840, -17.0992, 71.3141** is the 20% darker color. If you saturate the color by 10%, you get **61.1520, -30.1479, 103.3527**, and if you desaturate by 10%, it is **75.9870, -26.6156, 90.3424**.

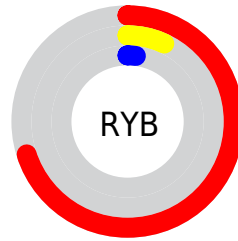
Distribution



Red (70%)

Green (7%)

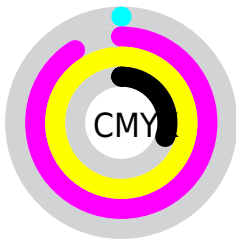
Blue (2%)



Red (70%)

Yellow (7%)

Blue (2%)

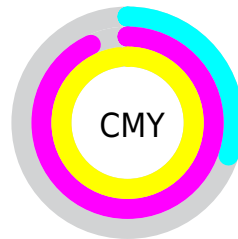


Cyan (0%)

Magenta (91%)

Yellow (98%)

Black (30%)



Cyan (30%)


Magenta (93%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 63.9560, -29.5583, 100.8936 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 63.9560, -29.5583, 100.8936 by changing the saturation by 10% instead.


 63.9560, -29.5583,
100.8936


 63.9560, -29.5583,
100.8936


 253.0620, -7.4256,
1.6996


 44.2520, -21.8162,
90.9870


 128.0070,
-36.9785, 100.8489

 34.6840, -17.0992,
71.3141


 151.4680,
-36.2197, 90.7976


 25.4150, -12.5296,
52.2560

 170.6400,
-33.8395, 73.9837

 17.2710, -7.5286,
34.8423

 190.0400,
-30.5857, 56.9699

 5.0830, -2.5059,
10.4512

 210.1410,
-27.1845, 39.3413

 0.0000, 0.0000,
0.0000

 230.2420,

-23.7833, 21.7128

■ 249.8700,
-19.6559, 4.4990

■ 63.9560, -29.5583,
100.8936

■ 63.9560, -29.5583,
100.8936

■ 61.1520, -30.1479,
103.3527

■ 75.9870, -26.6156,
90.3424

■ 87.4310, -23.3835,
80.3060

■ 99.4620, -20.4408,
69.7548

■ 110.9060,
-17.2087, 59.7184

■ 122.9370,
-14.2659, 49.1673

■ 134.2670,
-11.4706, 39.2308

■ 146.2980, -8.5279,
28.6797

■ 158.3290, -5.5852,
18.1285

■ 169.7730, -2.3531,
8.0921

Harmonies

Analogous

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



66.1000, 2.4157, 112.1683



63.9560, -29.5583, 100.8936



83.5480, -41.1892, 51.2624

Triad

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



63.9560, -29.5583, 100.8936



69.9450, -13.7769, -61.3418



78.0410, 68.0138, -68.4420

Complementary

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



63.9560, -29.5583, 100.8936



119.0440, 29.5583, -100.8936

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.



87.3360, 60.4734, -76.5937



63.9560, -29.5583, 100.8936



78.8710, 15.3466, -69.1699

Square

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



63.9560, -29.5583, 100.8936



62.2220, -30.6754, -54.5687



85.7110, 41.5545, -75.1685



88.8520, 48.3870, 20.3008

Rectangle

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



63.9560, -29.5583, 100.8936



83.6600, -41.2444, 22.2232



85.7110, 41.5545, -75.1685



82.3780, 66.8616, -72.2455

Sweetspot

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



63.9560, -29.5583, 100.8936



187.9680, -11.3232, 38.6161



74.9070, 45.4018, 91.2896



90.0200, -6.9119, 23.6615



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.



63.9560, -29.5583, 100.8936



79.3470, -39.1181, 133.8767



114.4380, -54.4459, 56.6209



83.2780, -1.6161, 5.0182



52.2040, -25.7366, 88.3981



8.9480, -4.4114, 14.9546

Inverse Universe

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



119.0440, 29.5583, -100.8936



152.6530, 39.1181, -133.8767



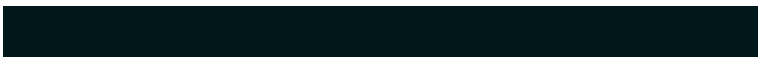
68.5620, 54.4459, -56.6209



86.3090, 1.3267, -5.5330



100.7960, 25.7366, -88.3981



17.0520, 4.4114, -14.9546

Previews

White Background



This preview shows how the YUV color 63.9560, -29.5583, 100.8936 looks on a white background.

Color Contrast Check

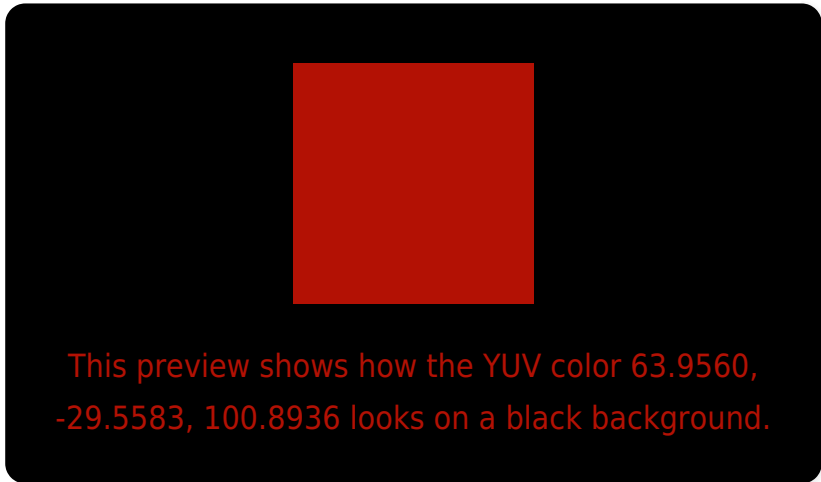
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 63.9560, -29.5583, 100.8936

Background



This preview shows how black text looks on a background with the YUV color 63.9560, -29.5583, 100.8936.



This preview shows how white text looks on a background with the YUV color 63.9560, -29.5583,

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

63.9560, -29.5583, 100.8936

Protanopia

86.5370, -31.3237, 13.5611

Deuteranopia

84.8670, -41.8394, 26.4266



Tritanopia

64.4120, -27.8111, 100.4937

Trichromacy



Original Color

63.9560, -29.5583, 100.8936

Protanomaly

78.2620, -30.6952, 45.3742

Deuteranomaly

77.1830, -37.5582, 53.3365

Tritanomaly

64.2980, -28.2479, 100.5937

Monochromacy



Original Color

63.9560, -29.5583, 100.8936

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0710, -10.8810, 36.7717

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9560, -29.5583, 100.8936 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(179, 17, 4)` looks like.

```
.text, #text, p{  
    color:rgb(179, 17, 4)  
}
```

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(179, 17, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 17, 4) }
```

Border

The CSS property to change the border of an element to YUV 63.9560, -29.5583, 100.8936 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(179, 17, 4) }
```


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

```
.border{ border-color:rgb(179, 17, 4) }
```

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

Here you see how a box with a 4 pixel rgb(179, 17, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 17, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 17, 4);  
box-shadow:4px 4px 4px 4px rgb(179, 17, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9560, -29.5583, 100.8936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 17, 4) }
```

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

```
.background{ background-color: rgb(179, 17,  
4) }
```

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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