

Converting Colors

YUV(64.9100, -23.1266,
91.2869)

Have a look what the booklet for
YUV(64.9100, -23.1266, 91.2869)
contains.

| | |
|--|----|
| YUV(64.9100, -23.1266, 91.2869) | 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> | 30 |

Color

**YUV(64.9100, -23.1266,
91.2869)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A91512 |
| RGB | 169, 21, 18 |
| RGB Percent | 66%, 8%, 7% |
| CMY | 0.3373, 0.9176, 0.9294 |
| CMYK | 0.00, 0.88, 0.89, 0.34 |
| HSL | 1°, 81%, 37% |
| HSV | 1°, 89%, 66% |
| XYZ | 16.7395, 9.0150, 1.4301 |
| YIQ | 64.9100, 89.1710, 30.4430 |

Conversions

Conversions Part 2

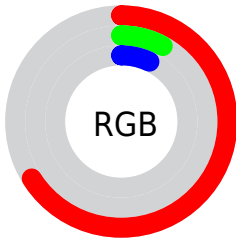
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 169, 21, 18 |
| Decimal | 11080978 |
| CIELab | 36.01, 56.07, 42.49 |
| CIElCh | 36, 70.353, 37.154 |
| Yxy | 9.0150, 0.6158, 0.3316 |
| Android (android.graphics.Color) | 4289271058 (0xFFA91512) |
| YUV | 64.9100, -23.1266, 91.2869 |
| Hunter-Lab | 30.0250, 46.9734, 18.1936 |

Details

The YUV color **64.9100, -23.1266, 91.2869** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **122.0900, 23.1266, -91.2869**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8580, -30.9890, 93.0865**, and **31.9930, -15.7725, 65.7811** is the 20% darker color. If you saturate the color by 10%, you get **52.9930, -25.6325, 101.7381**, and if you desaturate by 10%, it is **76.8270, -20.6207, 80.8357**.

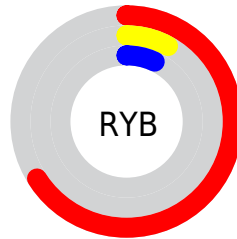
Distribution



Red (66%)

Green (8%)

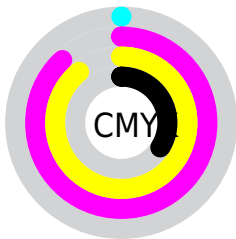
Blue (7%)



Red (66%)

Yellow (8%)

Blue (7%)

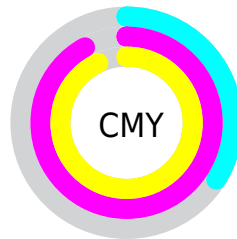


Cyan (0%)

Magenta (88%)

Yellow (89%)

Black (34%)



Cyan (34%)


Magenta (92%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 64.9100, -23.1266, 91.2869 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 64.9100, -23.1266, 91.2869 by changing the saturation by 10% instead.


 64.9100, -23.1266,
91.2869


 64.9100, -23.1266,
91.2869


 254.3160, -2.6208,
0.5999


 41.2620, -20.3422,
84.8392


 125.8580,
-30.9890, 93.0865


 31.9930, -15.7725,
65.7811

 151.9070,
-31.9992, 90.4126


 23.0230, -11.3503,
47.3378

 171.1930,
-29.1821, 73.4987

 14.8790, -6.3493,
29.9241


 190.5930,
-25.9283, 56.4849


 0.0000, 0.0000,
0.0000


 210.6940,
-22.5271, 38.8564


 230.7950,


-19.1259, 21.2278


 251.0100,
-15.2879, 3.4992


 64.9100, -23.1266,
91.2869

 64.9100, -23.1266,
91.2869


 52.9930, -25.6325,
101.7381


 76.8270, -20.6207,
80.8357

 52.2920, -25.7800,
102.3529

 88.1570, -17.8254,
70.8993

 100.0740,
-15.3195, 60.4481

 111.4040,
-12.5242, 50.5117

 123.2070,
-10.4551, 40.1605

■ 134.5370, -7.6597,
30.2241

■ 146.4540, -5.1538,
19.7728

■ 158.3710, -2.6479,
9.3216

■ 169.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



61.9570, 5.9372, 102.6467



64.9100, -23.1266, 91.2869



78.8300, -38.8632, 51.8921

Triad

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



64.9100, -23.1266, 91.2869



65.8530, -14.2245, -57.7531



74.9290, 61.1670, -65.7127

Complementary

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



64.9100, -23.1266, 91.2869



122.0900, 23.1266, -91.2869

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.



81.5340, 53.4737, -71.5053



64.9100, -23.1266, 91.2869



73.8670, 11.4046, -64.7814

Square

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



64.9100, -23.1266, 91.2869



64.0930, -31.5978, -38.6696



80.1370, 35.4285, -70.2801



84.8740, 44.9251, 10.6345

Rectangle

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



64.9100, -23.1266, 91.2869



80.1380, -39.5080, 25.3120



80.1370, 35.4285, -70.2801



77.9780, 60.1568, -68.3867

Sweetspot

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



64.9100, -23.1266, 91.2869



178.2280, -8.9864, 35.7570



80.0210, 42.3876, 78.0346



85.4650, -5.1592, 21.5172



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



64.9100, -23.1266, 91.2869



67.8290, -33.4397, 132.5770



108.9350, -44.8310, 52.6770



78.3920, -1.1793, 4.9182



46.0130, -22.6844, 89.4426



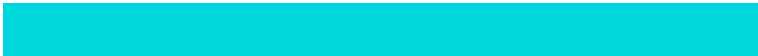
5.9800, -2.9481, 12.2955

Inverse Universe

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



122.0900, 23.1266, -91.2869



151.1710, 33.4397, -132.5770



78.0650, 44.8310, -52.6770



81.6080, 1.1793, -4.9182



101.9870, 22.6844, -89.4426



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 64.9100, -23.1266, 91.2869 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 × 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 64.9100, -23.1266, 91.2869

Background



This preview shows how black text looks on a background with the YUV color 64.9100, -23.1266, 91.2869.



This preview shows how white text looks on a background with the YUV color 64.9100, -23.1266,

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

64.9100, -23.1266, 91.2869

Protanopia

83.7200, -25.4980, 11.6466

Tritanopia

64.7960, -23.5634, 91.3869

Trichromacy



Original Color

64.9100, -23.1266, 91.2869

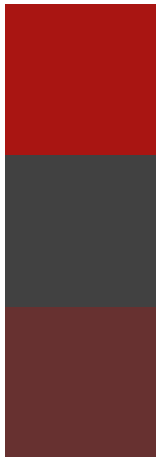
Protanomaly

76.8360, -24.5691, 40.4858

Tritanomaly

64.7960, -23.5634, 91.3869

Monochromacy



Original Color

64.9100, -23.1266, 91.2869

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0320, -8.3968, 33.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9100, -23.1266, 91.2869 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(169, 21, 18)` looks like.

```
.text, #text, p{  
    color:rgb(169, 21, 18)  
}
```

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(169, 21, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 21, 18) }
```

Border

The CSS property to change the border of an element to YUV 64.9100, -23.1266, 91.2869 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(169, 21, 18) }
```

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

```
.border{ border-color:rgb(169, 21, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 21, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 21, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 21, 18);  
box-shadow:4px 4px 4px 4px rgb(169, 21,  
18) }
```


Background

The CSS property to change the background color of an element to YUV 64.9100, -23.1266, 91.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 21, 18) }
```

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

```
.background{ background-color: rgb(169, 21,  
18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor