

Converting Colors

YUV(79.3550, -21.3740,
89.1427)

Have a look what the booklet for
YUV(79.3550, -21.3740, 89.1427)
contains.

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Color

**YUV(79.3550, -21.3740,
89.1427)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B52424 |
| RGB | 181, 36, 36 |
| RGB Percent | 71%, 14%, 14% |
| CMY | 0.2902, 0.8588, 0.8588 |
| CMYK | 0.00, 0.80, 0.80, 0.29 |
| HSL | 0°, 67%, 43% |
| HSV | 0°, 80%, 71% |
| XYZ | 20.0054, 11.2129, 2.7790 |
| YIQ | 79.3550, 86.4200, 30.7400 |

Conversions

Conversions Part 2

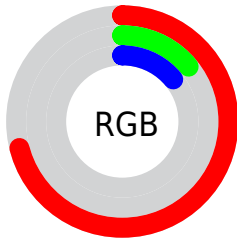
| Format | Color |
|-------------------------------------|---|
| RYB | 181, 36, 36 |
| Decimal | 11871268 |
| CIELab | 39.94, 56.32, 37.56 |
| CIElCh | 40, 67.690, 33.700 |
| Yxy | 11.2129, 0.5884, 0.3298 |
| Android (android.graphics.Color) | 4290061348 (0xFFB52424) |
| YUV | 79.3550, -21.3740, 89.1427 |
| Hunter-Lab | 33.4856, 48.0416, 18.5195 |

Details

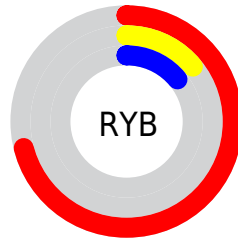
The YUV color **79.3550, -21.3740, 89.1427** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **137.6450, 21.3740, -89.1427**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0690, -27.6420, 92.9015**, and **35.8800, -17.6888, 73.7732** is the 20% darker color. If you saturate the color by 10%, you get **66.7370, -24.0273, 100.2087**, and if you desaturate by 10%, it is **91.9730, -18.7207, 78.0767**.

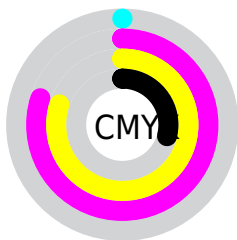
Distribution



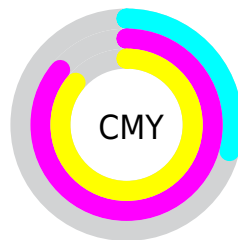
- Red (71%)
- Green (14%)
- Blue (14%)



- Red (71%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (29%)





- Cyan (29%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.3550, -21.3740, 89.1427 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 79.3550, -21.3740, 89.1427 by changing the saturation by 10% instead.


 79.3550, -21.3740,
89.1427


 79.3550, -21.3740,
89.1427


255.0000, 0.0000,
0.0000

 46.5600, -15.5591,
90.7169


 138.0690,
-27.6420, 92.9015


 35.8800, -17.6888,
73.7732


 160.5300,
-26.8833, 82.8502


 26.6110, -13.1192,
54.7152


 179.9300,
-23.6295, 65.8364

 18.8800, -7.8288,
37.8162

 199.3300,
-20.3757, 48.8226

 7.8880, -3.3958,
15.8842

 219.4310,
-16.9745, 31.1940

 0.0000, 0.0000,
0.0000

 239.6460,

-13.1365, 13.4655

253.4040, -6.1152,
1.3997

79.3550, -21.3740,
89.1427

79.3550, -21.3740,
89.1427

66.7370, -24.0273,
100.2087

91.9730, -18.7207,
78.0767

54.1190, -26.6807,
111.2746

104.5910,
-16.0674, 67.0107

117.2090,
-13.4140, 55.9447

129.8270,
-10.7607, 44.8787

143.1460, -7.9600,
33.1980

■ 155.7640, -5.3067,
22.1320

■ 168.3820, -2.6533,
11.0660

■ 181.0000, 0.0000,
0.0000

■ 193.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



66.1730, 11.7467, 105.9653



79.3550, -21.3740, 89.1427



87.1250, -42.9526, 56.8954

Triad

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



79.3550, -21.3740, 89.1427



71.5920, -15.0819, -62.7862



82.1840, 61.0413, -72.0754

Complementary

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



79.3550, -21.3740, 89.1427



137.6450, 21.3740, -89.1427

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.



87.8600, 52.3270, -77.0532



79.3550, -21.3740, 89.1427



80.0790, 9.8211, -70.2293

Square

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



79.3550, -21.3740, 89.1427



78.0470, -38.4772, -25.4742



86.3490, 33.8449, -75.7281



94.3460, 45.6784, 2.3276

Rectangle

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



79.3550, -21.3740, 89.1427



89.0310, -43.8923, 31.5448



86.3490, 33.8449, -75.7281



85.1190, 59.5943, -74.6494

Sweetspot

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



79.3550, -21.3740, 89.1427



195.0430, -8.4022, 35.0423



95.8850, 41.9617, 74.6459



93.1660, -5.0118, 20.9024



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.



79.3550, -21.3740, 89.1427



76.5740, -33.3140, 138.9396



122.2060, -42.4996, 51.5623



82.6910, -1.3267, 5.5330



45.7470, -22.5533, 94.0609



7.7740, -3.8326, 15.9842

Inverse Universe

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



137.6450, 21.3740, -89.1427



167.4260, 33.3140, -138.9396



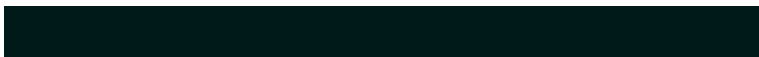
95.3810, 42.2102, -52.0771



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Previews

White Background



This preview shows how the YUV color 79.3550, -21.3740, 89.1427 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 79.3550, -21.3740, 89.1427 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 79.3550, -21.3740, 89.1427

Background



This preview shows how black text looks on a background with the YUV color 79.3550, -21.3740, 89.1427.



This preview shows how white text looks on a background with the YUV color 79.3550, -21.3740,

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

79.3550, -21.3740, 89.1427

Protanopia

93.0880, -20.2564, 10.4468

Deuteranopia

91.3320, -33.6877, 25.1418



Tritanopia

79.3550, -21.3740, 89.1427

Trichromacy



Original Color

79.3550, -21.3740, 89.1427

Protanomaly

88.4490, -20.9274, 39.0712

Deuteranomaly

86.7400, -28.9588, 48.4630

Tritanomaly

79.3550, -21.3740, 89.1427

Monochromacy



Original Color

79.3550, -21.3740, 89.1427

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8470, -7.8126, 32.5832

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.3550, -21.3740, 89.1427 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, 36, 36)` looks like.

```
.text, #text, p{  
    color:rgb(181, 36, 36)  
}
```

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, 36, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 36, 36) }
```

Border

The CSS property to change the border of an element to YUV 79.3550, -21.3740, 89.1427 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, 36, 36) }
```


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

```
.border{ border-color:rgb(181, 36, 36) }
```

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

Here you see how a box with a 4 pixel rgb(181, 36, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 36, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 36, 36);  
box-shadow:4px 4px 4px 4px rgb(181, 36,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 79.3550, -21.3740, 89.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 36, 36) }
```

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

```
.background{ background-color: rgb(181, 36,  
36) }
```

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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