

Converting Colors

YUV(84.1540, -23.2469,
83.1799)

Have a look what the booklet for
YUV(84.1540, -23.2469, 83.1799)
contains.

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Color

**YUV(84.1540, -23.2469,
83.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	B32D25
RGB	179, 45, 37
RGB Percent	70%, 18%, 15%
CMY	0.2980, 0.8235, 0.8549
CMYK	0.00, 0.75, 0.79, 0.30
HSL	3°, 66%, 42%
HSV	3°, 79%, 70%
XYZ	19.8627, 11.5940, 2.9413
YIQ	84.1540, 82.4320, 25.9200

Conversions

Conversions Part 2

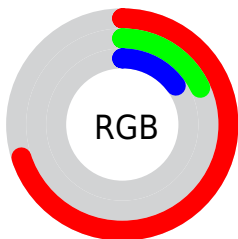
Format	Color
RYB	179, 45, 37
Decimal	11742501
CIELab	40.56, 52.90, 37.51
CIELCh	41, 64.855, 35.340
Yxy	11.5940, 0.5774, 0.3371
Android (android.graphics.Color)	4289932581 (0xFFB32D25)
YUV	84.1540, -23.2469, 83.1799
Hunter-Lab	34.0500, 44.5385, 18.7135

Details

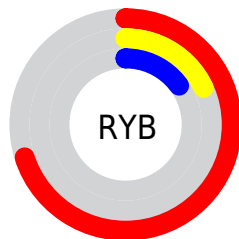
The YUV color **84.1540, -23.2469, 83.1799** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **131.8460, 23.2469, -83.1799**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1070, -28.6468, 88.4832**, and **35.2820, -17.3940, 72.5437** is the 20% darker color. If you saturate the color by 10%, you get **72.1230, -26.1896, 93.7311**, and if you desaturate by 10%, it is **96.1850, -20.3042, 72.6288**.

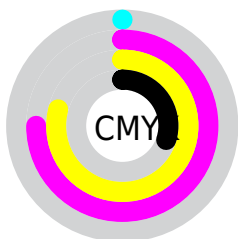
Distribution



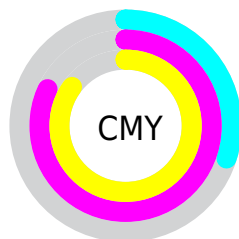
- Red (70%)
- Green (18%)
- Blue (15%)



- Red (70%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (79%)
- Black (30%)





- Cyan (30%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.1540, -23.2469, 83.1799 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 84.1540, -23.2469, 83.1799 by changing the saturation by 10% instead.


 84.1540, -23.2469,
83.1799


 84.1540, -23.2469,
83.1799


255.0000, 0.0000,
0.0000


 48.8970, -16.7112,
86.9133


 141.1070,
-28.6468, 88.4832


 35.2820, -17.3940,
72.5437


 164.2800,
-27.7460, 79.5614


 26.3120, -12.9718,
54.1004

 182.9790,
-24.6396, 63.1624

 18.4670, -8.1182,
37.3014

 202.3790,
-21.3858, 46.1486

 7.5890, -3.2484,
15.2694

 222.4800,
-17.9846, 28.5200

 0.0000, 0.0000,
0.0000

 242.6950,

-14.1466, 10.7915

253.6320, -5.2416,
1.1997

84.1540, -23.2469,
83.1799

84.1540, -23.2469,
83.1799

72.1230, -26.1896,
93.7311

96.1850, -20.3042,
72.6288

60.0920, -29.1324,
104.2823

108.2160,
-17.3615, 62.0776

59.3910, -29.2798,
104.8971

120.2470,
-14.4188, 51.5264

132.2780,
-11.4761, 40.9752

143.7220, -8.2439,
30.9388

■ 155.6390, -5.7380,
20.4876

■ 167.6700, -2.7953,
9.9364

■ 179.7010, 0.1474,
-0.6148

■ 191.7320, 3.0901,
-11.1660

Harmonies

Analogous

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



75.7390, 6.5377, 96.6989



84.1540, -23.2469, 83.1799



89.7610, -44.2522, 53.7066

Triad

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



84.1540, -23.2469, 83.1799



72.9770, -12.3137, -64.0008



81.8420, 59.7309, -71.7754

Complementary

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



84.1540, -23.2469, 83.1799



131.8460, 23.2469, -83.1799

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.



88.3330, 51.6008, -77.4680



84.1540, -23.2469, 83.1799



81.1220, 11.2789, -71.1440

Square

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



84.1540, -23.2469, 83.1799



78.9330, -38.9140, -25.3742



87.0500, 33.9924, -76.3428



96.5700, 42.6100, 6.5161

Rectangle

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



84.1540, -23.2469, 83.1799



90.4930, -44.6130, 29.3856



87.0500, 33.9924, -76.3428



84.7770, 58.2839, -74.3494

Sweetspot

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



84.1540, -23.2469, 83.1799



194.5050, -9.1230, 32.8831



94.8480, 38.0359, 73.8013



94.3400, -5.5906, 19.8728



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.



84.1540, -23.2469, 83.1799



84.8240, -35.9022, 129.0734



125.2440, -43.5043, 47.1440



83.2780, -1.6161, 5.0182



51.0300, -25.1578, 89.4277



8.3610, -4.1220, 15.4694

Inverse Universe

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



131.8460, 23.2469, -83.1799



159.1760, 35.9022, -129.0734



90.7560, 43.5043, -47.1440



86.3090, 1.3267, -5.5330



101.9700, 25.1578, -89.4277



17.0520, 4.4114, -14.9546

Previews

White Background



This preview shows how the YUV color 84.1540, -23.2469, 83.1799 looks on a white background.

Color Contrast Check

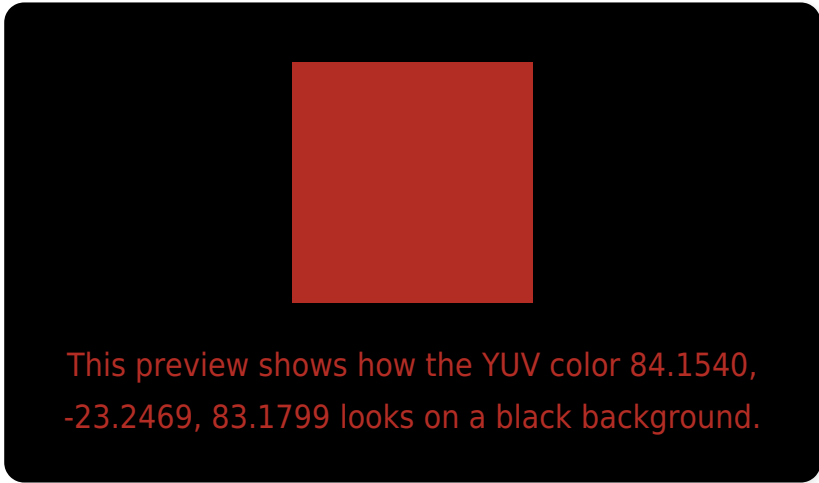
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.1540, -23.2469, 83.1799

Background



This preview shows how black text looks on a background with the YUV color 84.1540, -23.2469, 83.1799.



This preview shows how white text looks on a background with the YUV color 84.1540, -23.2469,

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

84.1540, -23.2469, 83.1799

Protanopia

94.8600, -21.1300, 10.6468

Deuteranopia

93.1470, -33.1035, 24.4271



Tritanopia

84.4790, -19.4631, 82.8949

Trichromacy



Original Color

84.1540, -23.2469, 83.1799

Protanomaly

90.9110, -21.6481, 36.9121

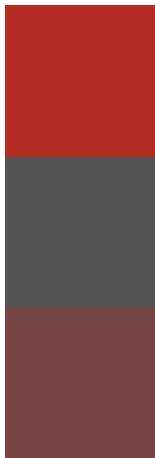
Deuteranomaly

89.9030, -29.5322, 45.6891

Tritanomaly

84.1370, -20.7735, 83.1949

Monochromacy



Original Color

84.1540, -23.2469, 83.1799

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3090, -8.5333, 30.4240

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1540, -23.2469, 83.1799 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, 45, 37)` looks like.

```
.text, #text, p{  
    color:rgb(179, 45, 37)  
}
```

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, 45, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 45, 37) }
```

Border

The CSS property to change the border of an element to YUV 84.1540, -23.2469, 83.1799 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, 45, 37) }
```


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

```
.border{ border-color:rgb(179, 45, 37) }
```

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

Here you see how a box with a 4 pixel rgb(179, 45, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 45, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 45, 37);  
box-shadow:4px 4px 4px 4px rgb(179, 45,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 84.1540, -23.2469, 83.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 45, 37) }
```

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

```
.background{ background-color: rgb(179, 45,  
37) }
```

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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