

Converting Colors

YUV(79.6580, -17.5794,
85.3689)

Have a look what the booklet for
YUV(79.6580, -17.5794, 85.3689)
contains.

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Color

**YUV(79.6580, -17.5794,
85.3689)**

Conversions

Conversions Part 1

Format	Color
Hex	B1252C
RGB	177, 37, 44
RGB Percent	69%, 15%, 17%
CMY	0.3059, 0.8549, 0.8275
CMYK	0.00, 0.79, 0.75, 0.31
HSL	357°, 65%, 42%
HSV	357°, 79%, 69%
XYZ	19.2477, 10.8521, 3.4631
YIQ	79.6580, 81.1930, 31.8570

Conversions

Conversions Part 2

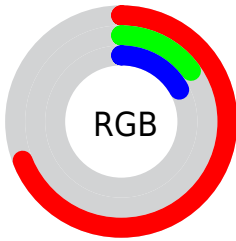
Format	Color
RYB	177, 37, 44
Decimal	11609388
CIELab	39.33, 55.13, 32.03
CIElCh	39, 63.756, 30.158
Yxy	10.8521, 0.5735, 0.3233
Android (android.graphics.Color)	4289799468 (0xFFB1252C)
YUV	79.6580, -17.5794, 85.3689
Hunter-Lab	32.9425, 46.6446, 16.8269

Details

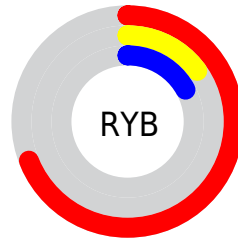
The YUV color **79.6580, -17.5794, 85.3689** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **134.3420, 17.5794, -85.3689**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4860, -23.4106, 89.0278**, and **34.6840, -17.0992, 71.3141** is the 20% darker color. If you saturate the color by 10%, you get **67.1540, -19.7959, 96.3349**, and if you desaturate by 10%, it is **92.1620, -15.3629, 74.4029**.

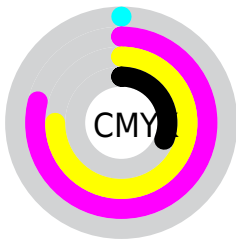
Distribution



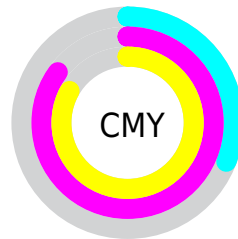
- Red (69%)
- Green (15%)
- Blue (17%)



- Red (69%)
- Yellow (15%)
- Blue (17%)



- Cyan (0%)
- Magenta (79%)
- Yellow (75%)
- Black (31%)



- Cyan (31%)
- Magenta (85%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.6580, -17.5794, 85.3689 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 79.6580, -17.5794, 85.3689 by changing the saturation by 10% instead.

■ 79.6580, -17.5794,
85.3689

■ 79.6580, -17.5794,
85.3689

255.0000, 0.0000,
0.0000

■ 46.2760, -11.4751,
87.4579

■ 137.4860,
-23.4106, 89.0278

■ 34.6840, -17.0992,
71.3141

■ 161.5560,
-22.9521, 81.9504

■ 25.7140, -12.6770,
52.8708

■ 180.8420,
-20.1351, 65.0366

■ 17.8690, -7.8234,
36.0719

■ 200.3560,
-16.4445, 47.9228

■ 5.9800, -2.9481,
12.2955

■ 220.4570,
-13.0433, 30.2942

■ 0.0000, 0.0000,
0.0000

■ 240.6720, -9.2053,

12.5657

254.4300, -2.1840,
0.4999

■ 79.6580, -17.5794,
85.3689

■ 79.6580, -17.5794,
85.3689

■ 67.1540, -19.7959,
96.3349

■ 92.1620, -15.3629,
74.4029

■ 55.2370, -22.3018,
106.7862

■ 104.0790,
-12.8569, 63.9517

■ 53.9490, -22.1599,
107.9157

■ 116.4690,
-11.0772, 53.0857

■ 128.9730, -8.8607,
42.1197

■ 141.4770, -6.6442,
31.1537

■ 153.3940, -4.1382,
20.7025

■ 165.8980, -1.9217,
9.7365

■ 178.4020, 0.2948,
-1.2296

■ 190.2050, 2.3639,
-11.5808

Harmonies

Analogous

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



74.0420, 10.3323, 92.9252



79.6580, -17.5794, 85.3689



85.3640, -42.0845, 58.4398

Triad

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



79.6580, -17.5794, 85.3689



69.2610, -16.3977, -60.7419



81.2720, 57.5469, -71.2755

Complementary

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



79.6580, -17.5794, 85.3689



134.3420, 17.5794, -85.3689

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.



86.0190, 47.8116, -75.4387



79.6580, -17.5794, 85.3689



77.2920, 6.7580, -67.7851

Square

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



79.6580, -17.5794, 85.3689



78.9880, -38.9411, -16.6525



83.3340, 29.9083, -73.0839



91.8780, 45.4161, -6.9090

Rectangle

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



79.6580, -17.5794, 85.3689



87.2810, -43.0295, 34.8336



83.3340, 29.9083, -73.0839



83.3920, 55.5157, -73.1348

Sweetspot

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



79.6580, -17.5794, 85.3689



191.0860, -6.9444, 34.1276



92.7270, 41.5466, 67.7684



91.3940, -4.1382, 20.7025



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



79.6580, -17.5794, 85.3689



77.7350, -27.4774, 133.5364



115.8410, -38.8686, 53.6364



82.8050, -0.8899, 5.4330



46.6590, -19.0589, 93.2611



7.8880, -3.3958, 15.8842

Inverse Universe

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



79.6580, -17.5794, 85.3689



77.7350, -27.4774, 133.5364



98.1590, 38.8686, -53.6364



82.8050, -0.8899, 5.4330



46.6590, -19.0589, 93.2611



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 79.6580, -17.5794, 85.3689 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 79.6580, -17.5794, 85.3689 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 79.6580, -17.5794, 85.3689

Background



This preview shows how black text looks on a background with the YUV color 79.6580, -17.5794, 85.3689.



This preview shows how white text looks on a background with the YUV color 79.6580, -17.5794,

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

79.6580, -17.5794, 85.3689

Protanopia

92.7440, -15.1568, 8.1175

Deuteranopia

91.2160, -27.7145, 22.6126



Tritanopia

79.5610, -20.4896, 85.4540

Trichromacy



Original Color

79.6580, -17.5794, 85.3689

Protanomaly

87.6920, -16.1172, 36.2271

Deuteranomaly

86.9830, -24.1486, 45.6189

Tritanomaly

79.7890, -19.6160, 85.2540

Monochromacy



Original Color

79.6580, -17.5794, 85.3689

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.5910, -6.2074, 31.0537

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.6580, -17.5794, 85.3689 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(177, 37, 44)` looks like.

```
.text, #text, p{  
    color:rgb(177, 37, 44)  
}
```

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(177, 37, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 37, 44) }
```

Border

The CSS property to change the border of an element to YUV 79.6580, -17.5794, 85.3689 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(177, 37, 44) }
```


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

```
.border{ border-color:rgb(177, 37, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 37, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 37, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 37, 44);  
box-shadow:4px 4px 4px 4px rgb(177, 37,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 79.6580, -17.5794, 85.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 37, 44) }
```

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

```
.background{ background-color: rgb(177, 37,  
44) }
```

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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