

Converting Colors

YUV(79.9170, -17.2141,
61.4628)

Have a look what the booklet for
YUV(79.9170, -17.2141, 61.4628)
contains.

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Color

**YUV(79.9170, -17.2141,
61.4628)**

Conversions

Conversions Part 1

Format	Color
Hex	96332D
RGB	150, 51, 45
RGB Percent	59%, 20%, 18%
CMY	0.4118, 0.8000, 0.8235
CMYK	0.00, 0.66, 0.70, 0.41
HSL	3°, 54%, 38%
HSV	3°, 70%, 59%
XYZ	14.2352, 9.0411, 3.4775
YIQ	79.9170, 60.9300, 19.1220

Conversions

Conversions Part 2

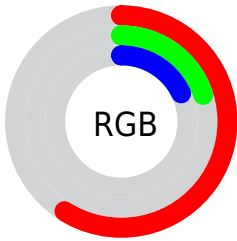
Format	Color
RYB	150, 51, 45
Decimal	9843501
CIELab	36.06, 41.12, 26.31
CIElCh	36, 48.814, 32.614
Yxy	9.0411, 0.5321, 0.3379
Android (android.graphics.Color)	4288033581 (0xFF96332D)
YUV	79.9170, -17.2141, 61.4628
Hunter-Lab	30.0685, 31.8864, 14.1910

Details

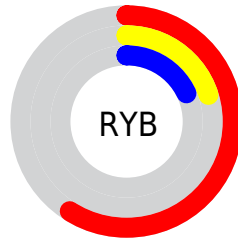
The YUV color **79.9170, -17.2141, 61.4628** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **115.0830, 17.2141, -61.4628**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3260, -20.8667, 66.3661**, and **27.8070, -13.7089, 57.1743** is the 20% darker color. If you saturate the color by 10%, you get **69.9890, -19.7146, 70.1696**, and if you desaturate by 10%, it is **89.8450, -14.7136, 52.7559**.

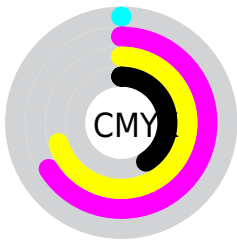
Distribution



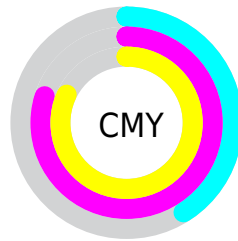
- Red (59%)
- Green (20%)
- Blue (18%)



- Red (59%)
- Yellow (20%)
- Blue (18%)



- Cyan (0%)
- Magenta (66%)
- Yellow (70%)
- Black (41%)



- Cyan (41%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.9170, -17.2141, 61.4628 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 79.9170, -17.2141, 61.4628 by changing the saturation by 10% instead.

■ 79.9170, -17.2141,
61.4628

■ 79.9170, -17.2141,
61.4628

255.0000, 0.0000,
0.0000

■ 53.0030, -14.2985,
59.6334

■ 133.3260,
-20.8667, 66.3661

■ 27.8070, -13.7089,
57.1743

■ 160.7070,
-22.0406, 69.5400

■ 19.1360, -9.4340,
39.3457

■ 183.8910,
-21.1453, 62.3626

■ 11.4760, -5.1647,
23.2615

■ 203.4050,
-17.4547, 45.2488

■ 0.0000, 0.0000,
0.0000

■ 222.9190,
-13.7641, 28.1350

■ 243.1340, -9.9261,

10.4065

254.6580, -1.3104,
0.2999

■ 79.9170, -17.2141,
61.4628

■ 79.9170, -17.2141,
61.4628

■ 69.9890, -19.7146,
70.1696

■ 89.8450, -14.7136,
52.7559

■ 60.0610, -22.2151,
78.8765

■ 99.7730, -12.2131,
44.0491

■ 50.1330, -24.7156,
87.5834

■ 109.7010, -9.7126,
35.3422

■ 120.2160, -7.5015,
26.1206

■ 130.1440, -5.0010,
17.4137

■ 140.0720, -2.5005,
8.7069

■ 150.0000, 0.0000,
0.0000

■ 159.9280, 2.5005,
-8.7069

■ 169.8560, 5.0010,
-17.4137

Harmonies

Analogous

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



79.8630, 1.5465, 64.1411



79.9170, -17.2141, 61.4628



80.2850, -35.6365, 43.6001

Triad

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



79.9170, -17.2141, 61.4628



64.0580, -8.4096, -56.1789



70.9390, 45.8791, -62.2135

Complementary

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



79.9170, -17.2141, 61.4628



115.0830, 17.2141, -61.4628

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.



75.0820, 38.9066, -65.8469



79.9170, -17.2141, 61.4628



69.7920, 8.4835, -61.2076

Square

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



79.9170, -17.2141, 61.4628



73.6880, -33.8632, -12.0044



74.2380, 25.5187, -65.1067



86.3770, 31.8591, 1.4234

Rectangle

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



79.9170, -17.2141, 61.4628



80.1490, -39.5135, 27.0563



74.2380, 25.5187, -65.1067



72.5860, 44.5741, -63.6579

Sweetspot

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



79.9170, -17.2141, 61.4628



166.4330, -6.6225, 24.1763



87.7950, 28.2021, 54.5538



80.7630, -3.8272, 14.2398



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



79.9170, -17.2141, 61.4628



85.0200, -26.6319, 95.5755



110.4410, -32.2624, 34.6932



69.0930, -1.0318, 4.3034



45.9580, -22.6573, 80.7208



3.5770, -1.7635, 5.6330

Inverse Universe

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



115.0830, 17.2141, -61.4628



139.3930, 26.9213, -95.0607



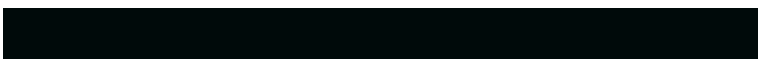
84.5590, 32.2624, -34.6932



71.9070, 1.0318, -4.3034



92.0420, 22.6573, -80.7208



7.0100, 1.4741, -6.1478

Previews

White Background



This preview shows how the YUV color 79.9170, -17.2141, 61.4628 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



This preview shows how the YUV color 79.9170, -17.2141, 61.4628 looks on a 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 79.9170, -17.2141, 61.4628

Background



This preview shows how black text looks on a background with the YUV color 79.9170, -17.2141, 61.4628.



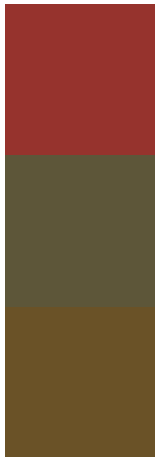
This preview shows how white text looks on a background with the YUV color 79.9170, -17.2141,

61.4628.

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

79.9170, -17.2141, 61.4628

Protanopia

84.7870, -13.6990, 7.2028

Deuteranopia

84.2740, -22.3201, 19.0537



Tritanopia

80.2420, -13.4303, 61.1778

Trichromacy



Original Color

79.9170, -17.2141, 61.4628

Protanomaly

82.9790, -14.7796, 27.2054

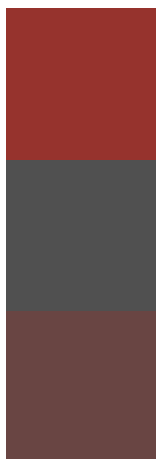
Deuteranomaly

82.8290, -20.6217, 34.3530

Tritanomaly

79.9000, -14.7407, 61.4777

Monochromacy



Original Color

79.9170, -17.2141, 61.4628

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.5360, -6.1802, 22.3319

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9170, -17.2141, 61.4628 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(150, 51, 45)` looks like.

```
.text, #text, p{  
    color:rgb(150, 51, 45)  
}
```

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(150, 51, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 51, 45) }
```

Border

The CSS property to change the border of an element to YUV 79.9170, -17.2141, 61.4628 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(150, 51, 45) }
```


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

```
.border{ border-color:rgb(150, 51, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 51, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 51, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 51, 45);  
box-shadow:4px 4px 4px 4px rgb(150, 51,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 79.9170, -17.2141, 61.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 51, 45) }
```

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

```
.background{ background-color: rgb(150, 51,  
45) }
```

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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