

Converting Colors

YUV(90.3420, -8.5496, 35.6571)

Have a look what the booklet for
YUV(90.3420, -8.5496, 35.6571)
contains.

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Color

**YUV(90.3420, -8.5496,
35.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	834949
RGB	131, 73, 73
RGB Percent	51%, 29%, 29%
CMY	0.4863, 0.7137, 0.7137
CMYK	0.00, 0.44, 0.44, 0.49
HSL	0°, 28%, 40%
HSV	0°, 44%, 51%
XYZ	12.9452, 10.0714, 7.5650
YIQ	90.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

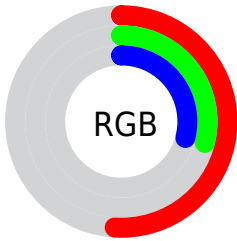
Format	Color
RYB	131, 73, 73
Decimal	8603977
CIELab	37.97, 24.62, 10.83
CIElCh	38, 26.899, 23.746
Yxy	10.0714, 0.4233, 0.3293
Android (android.graphics.Color)	4286794057 (0xFF834949)
YUV	90.3420, -8.5496, 35.6571
Hunter-Lab	31.7355, 17.2747, 8.0815

Details

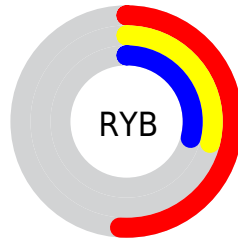
The YUV color $90.3420, -8.5496, 35.6571$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $113.6580, 8.5496, -35.6571$, and the grayscale version is $90.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $141.7230, -9.7234, 38.8309$, and $42.8900, -6.3548, 31.6685$ is the 20% darker color. If you saturate the color by 10%, you get $81.2290, -10.4659, 43.6492$, and if you desaturate by 10%, it is $99.4550, -6.6333, 27.6650$.

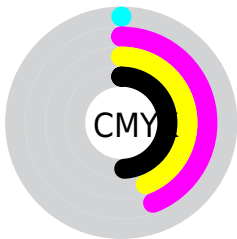
Distribution



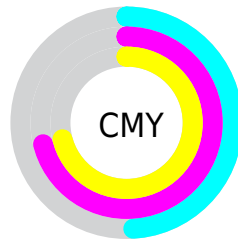
- Red (51%)
- Green (29%)
- Blue (29%)



- Red (51%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (44%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3420, -8.5496, 35.6571 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 90.3420, -8.5496, 35.6571 by changing the saturation by 10% instead.

90.3420, -8.5496,
35.6571

90.3420, -8.5496,
35.6571

255.0000, 0.0000,
0.0000

66.2600, -7.5232,
33.0980

141.7230, -9.7234,
38.8309

42.8900, -6.3548,
31.6685

168.5060,
-10.6025, 40.7752

18.9500, -7.3703,
30.7388

196.1040,
-10.8973, 42.0048

8.7850, -3.8380,
17.7286

218.3200, -8.5388,
32.1684

0.0000, 0.0000,
0.0000

238.5350, -4.7008,
14.4398

■ 90.3420, -8.5496,
35.6571

■ 90.3420, -8.5496,
35.6571

■ 81.2290, -10.4659,
43.6492

■ 99.4550, -6.6333,
27.6650

■ 72.1160, -12.3822,
51.6413

■ 108.5680, -4.7170,
19.6729

■ 63.0030, -14.2985,
59.6334

■ 117.6810, -2.8007,
11.6808

■ 53.8900, -16.2148,
67.6255

■ 126.7940, -0.8844,
3.6887

■ 44.7770, -18.1311,
75.6176

■ 136.6080, 1.1793,
-4.9182

■ 39.1690, -19.3103,
80.5358

■ 145.7210, 3.0955,
-12.9103

■ 154.8340, 5.0118,
-20.9024

■ 163.9470, 6.9281,

-28.8945

■ 173.0600, 8.8444,
-36.8866

Harmonies

Analogous

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



91.3660, 1.7916, 32.1280



90.3420, -8.5496, 35.6571



89.4200, -16.9691, 29.4497

Triad

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



90.3420, -8.5496, 35.6571



82.6480, -9.6865, -19.8623



83.3930, 23.9633, -32.7937

Complementary

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



90.3420, -8.5496, 35.6571



113.6580, 8.5496, -35.6571

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.



71.6620, 25.8026, -62.8476



90.3420, -8.5496, 35.6571



76.0500, 3.9194, -43.8938

Square

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



90.3420, -8.5496, 35.6571



85.8910, -18.1873, 0.0956



71.3710, 17.0721, -62.5924



90.0160, 19.2191, -4.3990

Rectangle

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



90.3420, -8.5496, 35.6571



88.5670, -19.9995, 21.4277



71.3710, 17.0721, -62.5924



79.3700, 25.4536, -44.1745

Sweetspot

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



90.3420, -8.5496, 35.6571



155.5780, -3.2430, 13.5251



96.9540, 16.7847, 29.8583



77.1860, -2.0637, 8.6069



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



90.3420, -8.5496, 35.6571



107.2090, -13.4140, 55.9447



107.3650, -16.9419, 20.7279



61.7940, -0.8844, 3.6887



38.8700, -19.1629, 79.9210



0.8970, -0.4422, 1.8443

Inverse Universe

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



113.6580, 8.5496, -35.6571



143.7910, 13.4140, -55.9447



96.6350, 16.9419, -20.7279



64.2060, 0.8844, -3.6887



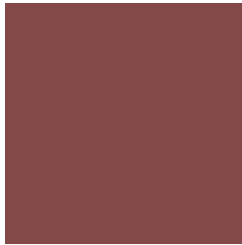
91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Previews

White Background



This preview shows how the YUV color 90.3420, -8.5496, 35.6571 looks on a white background.

Color Contrast Check

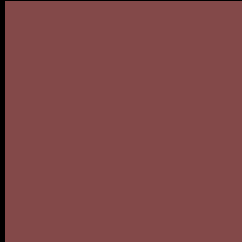
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.3420, -8.5496, 35.6571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

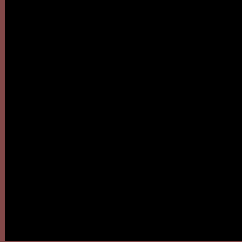
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.3420, -8.5496, 35.6571

Background



This preview shows how black text looks on a background with the YUV color 90.3420, -8.5496, 35.6571.



This preview shows how white text looks on a background with the YUV color 90.3420, -8.5496,

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

90.3420, -8.5496, 35.6571

Protanopia

90.1700, -4.5208, 3.3589

Deuteranopia

89.9710, -9.3527, 13.1804



Tritanopia

90.3250, -6.0762, 35.6720

Trichromacy



Original Color

90.3420, -8.5496, 35.6571

Protanomaly

90.1930, -6.0111, 14.7397

Deuteranomaly

89.8410, -8.7956, 21.1874

Tritanomaly

90.0970, -6.9498, 35.8719

Monochromacy



Original Color

90.3420, -8.5496, 35.6571

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2790, -3.0955, 12.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3420, -8.5496, 35.6571 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(131, 73, 73)` looks like.

```
.text, #text, p{  
    color:rgb(131, 73, 73)  
}
```

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(131, 73, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 73, 73) }
```

Border

The CSS property to change the border of an element to YUV 90.3420, -8.5496, 35.6571 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(131, 73, 73) }
```


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

```
.border{ border-color:rgb(131, 73, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 73, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 73, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 73, 73);  
box-shadow:4px 4px 4px 4px rgb(131, 73,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 90.3420, -8.5496, 35.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 73, 73) }
```

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

```
.background{ background-color: rgb(131, 73,  
73) }
```

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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