

Converting Colors

YUV(94.4020, -36.1872,
80.3314)

Have a look what the booklet for
YUV(94.4020, -36.1872, 80.3314)
contains.

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Color

**YUV(94.4020, -36.1872,
80.3314)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3E15
RGB	186, 62, 21
RGB Percent	73%, 24%, 8%
CMY	0.2706, 0.7569, 0.9176
CMYK	0.00, 0.67, 0.89, 0.27
HSL	15°, 80%, 41%
HSV	15°, 89%, 73%
XYZ	22.1077, 13.9385, 2.2347
YIQ	94.4020, 87.0650, 13.5370

Conversions

Conversions Part 2

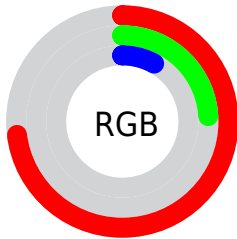
Format	Color
RYB	186, 76, 21
Decimal	12205589
CIELab	44.14, 48.25, 48.94
CIELCh	44, 68.726, 45.406
Yxy	13.9385, 0.5775, 0.3641
Android (android.graphics.Color)	4290395669 (0xFFBA3E15)
YUV	94.4020, -36.1872, 80.3314
Hunter-Lab	37.3343, 40.3646, 22.5852

Details

The YUV color **94.4020, -36.1872, 80.3314** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **112.5980, 36.1872, -80.3314**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5230, -39.6978, 86.3643**, and **37.0760, -18.2785, 76.2323** is the 20% darker color. If you saturate the color by 10%, you get **84.0180, -40.4349, 89.4382**, and if you desaturate by 10%, it is **104.7860, -31.9395, 71.2247**.

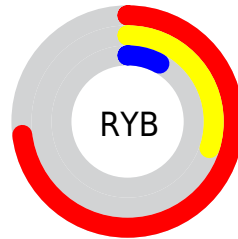
Distribution



Red (73%)

Green (24%)

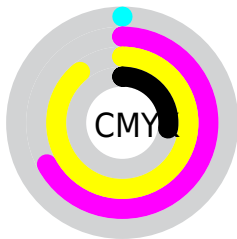
Blue (8%)



Red (73%)

Yellow (30%)

Blue (8%)

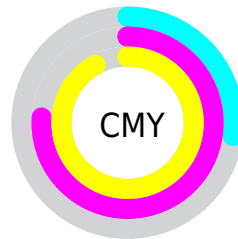


Cyan (0%)

Magenta (67%)

Yellow (89%)

Black (27%)



Cyan (27%)

Magenta (76%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4020, -36.1872, 80.3314 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 94.4020, -36.1872, 80.3314 by changing the saturation by 10% instead.

■ 94.4020, -36.1872,
80.3314

■ 94.4020, -36.1872,
80.3314

255.0000, 0.0000,
0.0000

■ 66.3030, -32.6874,
77.7873

■ 150.5230,
-39.6978, 86.3643

■ 37.0760, -18.2785,
76.2323

■ 171.0160,
-37.4759, 73.6540

■ 28.1060, -13.8563,
57.7890

■ 189.7150,
-34.3695, 57.2549

■ 19.7340, -9.7289,
40.5753

■ 209.1150,
-31.1157, 40.2411


■ 11.1770, -5.0173,
22.6468


■ 229.2160,
-27.7145, 22.6126


■ 0.0000, 0.0000,
0.0000


■ 248.8440,


-23.5871, 5.3988


 252.0360,
-11.3567, 2.5994


 94.4020, -36.1872,
80.3314


 94.4020, -36.1872,
80.3314


 84.0180, -40.4349,
89.4382

 104.7860,
-31.9395, 71.2247

 82.6160, -40.7297,
90.6678

 115.0560,
-28.1286, 62.2179

 125.4400,
-23.8809, 53.1111

 135.7100,
-20.0700, 44.1043

 146.0940,
-15.8223, 34.9976

■ 156.4780,
-11.5747, 25.8908

■ 166.7480, -7.7638,
16.8840

■ 177.1320, -3.5161,
7.7772

■ 187.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



85.1390, -3.5195, 102.4871



94.4020, -36.1872, 80.3314



98.8540, -48.7350, 44.8550

Triad

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



94.4020, -36.1872, 80.3314



82.8710, -4.8664, -72.6779



84.4980, 64.8305, -74.1047

Complementary

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



94.4020, -36.1872, 80.3314



112.5980, 36.1872, -80.3314

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.



94.4770, 59.9108, -82.8563



94.4020, -36.1872, 80.3314



90.8850, 20.7627, -79.7061

Square

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



94.4020, -36.1872, 80.3314



74.9030, -36.9272, -56.0429



95.6390, 44.0550, -83.8754



105.9260, 39.4765, 31.6369

Rectangle

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



94.4020, -36.1872, 80.3314



97.5040, -48.0695, 17.9750



95.6390, 44.0550, -83.8754



89.0630, 64.5519, -78.1083

Sweetspot

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



94.4020, -36.1872, 80.3314



205.8270, -14.2117, 31.7237



84.6990, 30.7144, 88.8410



100.5310, -8.6428, 18.8283



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



94.4020, -36.1872, 80.3314



107.5780, -53.0360, 117.8881



141.3620, -59.3385, 39.1475



86.8650, -1.9054, 4.5034



69.5370, -34.2817, 75.8281



12.4810, -6.1531, 13.6102

Inverse Universe

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



112.5980, 36.1872, -80.3314



134.4220, 53.0360, -117.8881



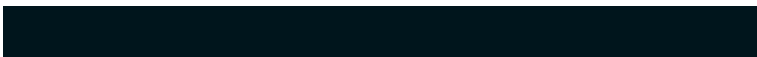
65.6380, 59.3385, -39.1475



88.1350, 1.9054, -4.5034



86.4630, 34.2817, -75.8281



15.5190, 6.1531, -13.6102

Previews

White Background



This preview shows how the YUV color 94.4020, -36.1872, 80.3314 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 94.4020, -36.1872, 80.3314 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 94.4020, -36.1872, 80.3314

Background



This preview shows how black text looks on a background with the YUV color 94.4020, -36.1872, 80.3314.



This preview shows how white text looks on a background with the YUV color 94.4020, -36.1872,

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

94.4020, -36.1872, 80.3314

Protanopia

100.5650, -33.8025, 15.2905

Deuteranopia

98.4670, -48.5442, 30.2854



Tritanopia

96.9130, -17.7051, 79.0063

Trichromacy



Original Color

94.4020, -36.1872, 80.3314

Protanomaly

98.1920, -34.6047, 39.2966

Deuteranomaly

96.8420, -43.7991, 48.3736

Tritanomaly

95.7900, -24.5465, 79.9912

Monochromacy



Original Color

94.4020, -36.1872, 80.3314

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7450, -13.1853, 29.1646

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4020, -36.1872, 80.3314 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(186, 62, 21)` looks like.

```
.text, #text, p{  
    color:rgb(186, 62, 21)  
}
```

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(186, 62, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 62, 21) }
```

Border

The CSS property to change the border of an element to YUV 94.4020, -36.1872, 80.3314 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(186, 62, 21) }
```


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

```
.border{ border-color:rgb(186, 62, 21) }
```

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

Here you see how a box with a 4 pixel rgb(186, 62, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 62, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 62, 21);  
box-shadow:4px 4px 4px 4px rgb(186, 62,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 94.4020, -36.1872, 80.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 62, 21) }
```

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

```
.background{ background-color: rgb(186, 62,  
21) }
```

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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