

Converting Colors

YUV(64.8020, 14.3946, 96.6436)

Have a look what the booklet for
YUV(64.8020, 14.3946, 96.6436)
contains.

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Color

**YUV(64.8020, 14.3946,
96.6436)**

Conversions

Conversions Part 1

Format	Color
Hex	AF035E
RGB	175, 3, 94
RGB Percent	69%, 1%, 37%
CMY	0.3137, 0.9882, 0.6314
CMYK	0.00, 0.98, 0.46, 0.31
HSL	328°, 97%, 35%
HSV	328°, 98%, 69%
XYZ	19.7321, 9.9872, 11.4774
YIQ	64.8020, 73.3010, 64.7650

Conversions

Conversions Part 2

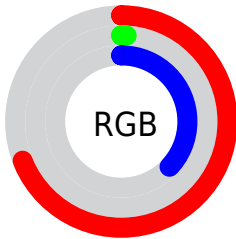
Format	Color
RYB	175, 3, 94
Decimal	11469662
CIELab	37.82, 64.08, -1.68
CIELCh	38, 64.103, 358.494
Yxy	9.9872, 0.4790, 0.2424
Android (android.graphics.Color)	4289659742 (0xFFAF035E)
YUV	64.8020, 14.3946, 96.6436
Hunter-Lab	31.6026, 56.1479, 0.5889

Details

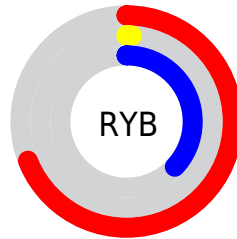
The YUV color **64.8020, 14.3946, 96.6436** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **113.1980, -14.3946, -96.6436**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8150, 4.5282, 87.8622**, and **40.1560, 3.8671, 66.5152** is the 20% darker color. If you saturate the color by 10%, you get **62.9270, 14.8260, 98.2880**, and if you desaturate by 10%, it is **75.6930, 12.9694, 87.0922**.

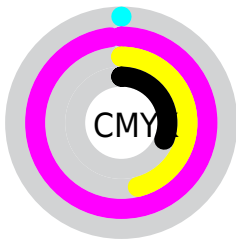
Distribution



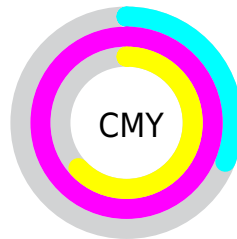
- Red (69%)
- Green (1%)
- Blue (37%)



- Red (69%)
- Yellow (1%)
- Blue (37%)



- Cyan (0%)
- Magenta (98%)
- Yellow (46%)
- Black (31%)





- Cyan (31%)
- Magenta (99%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.8020, 14.3946, 96.6436 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 64.8020, 14.3946, 96.6436 by changing the saturation by 10% instead.


 64.8020, 14.3946,
96.6436

 64.8020, 14.3946,
96.6436


255.0000, 0.0000,
0.0000


 51.4490, 9.6386,
82.0442


 134.8150, 4.5282,
87.8622


 40.1560, 3.8671,
66.5152


 160.8960, 4.9813,
82.5292

 29.2050, -0.5941,
50.6862

 180.4100, 8.6719,
65.4154

 18.5810, -7.6814,
37.2015

 200.6250, 12.5099,
47.6869

 7.2900, -3.1010,
14.6547

 220.8400, 16.3479,
29.9583

 0.0000, 0.0000,
0.0000

 237.9770, 8.3923,

14.9292

■ 64.8020, 14.3946,
96.6436

■ 64.8020, 14.3946,
96.6436

■ 62.9270, 14.8260,
98.2880

■ 75.6930, 12.9694,
87.0922

■ 87.1710, 11.2547,
77.0260

■ 98.1760, 10.2662,
67.3746

■ 109.6540, 8.5516,
57.3084

■ 121.1320, 6.8369,
47.2422

■ 132.0230, 5.4117,
37.6908

■ 143.6150, 4.1338,
27.5246

■ 154.5060, 2.7085,
17.9732

■ 165.9840, 0.9939,
7.9070

Harmonies

Analogous

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



86.1970, 28.4969, 53.3242



64.8020, 14.3946, 96.6436



73.9510, -15.2588, 87.7430

Triad

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



64.8020, 14.3946, 96.6436



76.6400, -37.7835, -14.5933



83.1010, 46.7852, -72.8796

Complementary

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



64.8020, 14.3946, 96.6436



113.1980, -14.3946, -96.6436

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.



80.7750, 27.7189, -70.8397



64.8020, 14.3946, 96.6436



66.1150, -18.2977, -57.9829

Square

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



64.8020, 14.3946, 96.6436



83.6710, -41.2498, 23.9675



74.2600, 5.2948, -65.1260



79.0550, 56.6679, -69.3312

Rectangle

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



64.8020, 14.3946, 96.6436



79.4070, -37.1757, 70.6801



74.2600, 5.2948, -65.1260



83.0210, 41.4016, -72.8094

Sweetspot

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



64.8020, 14.3946, 96.6436



184.7240, 5.5591, 37.0761



46.5280, 63.3367, 31.9859



89.3540, 3.2765, 22.4915



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.



64.8020, 14.3946, 96.6436



81.5530, 18.9544, 127.5570



55.1120, -22.7332, 105.1418



81.2610, 0.8573, 5.0331



53.9700, 12.8328, 84.2183



8.2450, 1.8512, 12.9401

Inverse Universe

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



64.8020, 14.3946, 96.6436



81.5530, 18.9544, 127.5570



122.8880, 22.7332, -105.1418



81.2610, 0.8573, 5.0331



53.9700, 12.8328, 84.2183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 64.8020, 14.3946, 96.6436 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 64.8020, 14.3946, 96.6436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

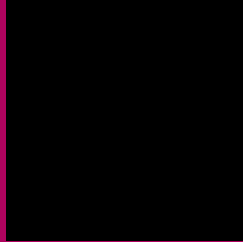
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.8020, 14.3946, 96.6436

Background



This preview shows how black text looks on a background with the YUV color 64.8020, 14.3946, 96.6436.



This preview shows how white text looks on a background with the YUV color 64.8020, 14.3946,

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

64.8020, 14.3946, 96.6436

Protanopia

90.9440, 21.7196, -13.1059

Deuteranopia

92.0720, -2.5005, 8.7069



Tritanopia

77.4790, -19.4631, 82.8949

Trichromacy



Original Color

64.8020, 14.3946, 96.6436

Protanomaly

81.2140, 19.1215, 26.9993

Deuteranomaly

82.2900, 3.8010, 40.9647

Tritanomaly

73.0140, -7.4019, 87.6877

Monochromacy



Original Color

64.8020, 14.3946, 96.6436

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7130, 5.5645, 35.3317

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.8020, 14.3946, 96.6436 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(175, 3, 94)` looks like.

```
.text, #text, p{  
    color:rgb(175, 3, 94)  
}
```

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(175, 3, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 3, 94) }
```

Border

The CSS property to change the border of an element to YUV 64.8020, 14.3946, 96.6436 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(175, 3, 94) }
```


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

```
.border{ border-color:rgb(175, 3, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 3, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 3, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 3, 94);  
box-shadow:4px 4px 4px 4px rgb(175, 3, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.8020, 14.3946, 96.6436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 3, 94) }
```

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

```
.background{ background-color: rgb(175, 3,  
94) }
```

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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