

Converting Colors

YUV(90.0020, -9.3680, 64.8962)

Have a look what the booklet for
YUV(90.0020, -9.3680, 64.8962)
contains.

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Color

**YUV(90.0020, -9.3680,
64.8962)**

Conversions

Conversions Part 1

Format	Color
Hex	A43847
RGB	164, 56, 71
RGB Percent	64%, 22%, 28%
CMY	0.3569, 0.7804, 0.7216
CMYK	0.00, 0.66, 0.57, 0.36
HSL	352°, 49%, 43%
HSV	352°, 66%, 64%
XYZ	17.8613, 11.1758, 7.1770
YIQ	90.0020, 59.5530, 27.5610

Conversions

Conversions Part 2

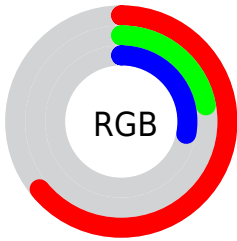
Format	Color
R_{YB}	164, 56, 71
Decimal	10762311
CIE _{Lab}	39.87, 45.55, 15.55
CIE _{LCh}	40, 48.132, 18.844
Yxy	11.1758, 0.4932, 0.3086
Android (android.graphics.Color)	4288952391 (0xFFA43847)
YUV	90.0020, -9.3680, 64.8962
Hunter-Lab	33.4302, 36.8674, 10.6724

Details

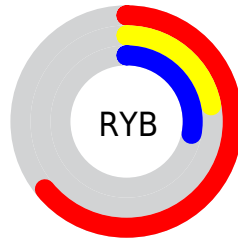
The YUV color **90.0020, -9.3680, 64.8962** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **129.9980, 9.3680, -64.8962**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2260, -12.4364, 69.0848**, and **34.8860, -3.3948, 62.3670** is the 20% darker color. If you saturate the color by 10%, you get **79.0140, -10.8529, 74.5327**, and if you desaturate by 10%, it is **100.9900, -7.8831, 55.2598**.

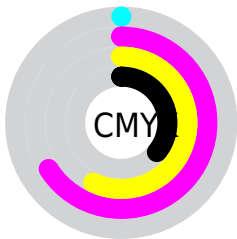
Distribution



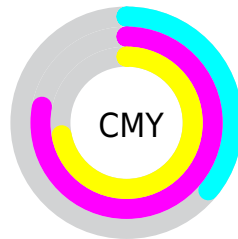
- Red (64%)
- Green (22%)
- Blue (28%)



- Red (64%)
- Yellow (22%)
- Blue (28%)



- Cyan (0%)
- Magenta (66%)
- Yellow (57%)
- Black (36%)



- Cyan (36%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0020, -9.3680, 64.8962 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 90.0020, -9.3680, 64.8962 by changing the saturation by 10% instead.

90.0020, -9.3680,
64.8962

90.0020, -9.3680,
64.8962

255.0000, 0.0000,
0.0000

62.3870, -6.5998,
63.6816

144.2260,
-12.4364, 69.0848

34.8860, -3.3948,
62.3670

172.3080,
-13.4628, 71.6439

23.8490, -10.7716,
48.3674

191.4200,
-10.0671, 55.7597

16.3740, -7.0864,
32.9980

211.0480, -5.9397,
38.5459

1.4950, -0.7370,
3.0739

231.2630, -2.1017,
20.8173

0.0000, 0.0000,
0.0000

251.4780, 1.7363,

3.0888

■ 90.0020, -9.3680,
64.8962

■ 90.0020, -9.3680,
64.8962

■ 79.0140, -10.8529,
74.5327

■ 100.9900, -7.8831,
55.2598

■ 67.4390, -12.0484,
84.6840

■ 112.5650, -6.6875,
45.1085

■ 56.4510, -13.5333,
94.3205

■ 123.5530, -5.2026,
35.4720

■ 51.6580, -14.1284,
98.5239

■ 135.1280, -4.0071,
25.3207

■ 146.2300, -2.0854,
15.5843

■ 157.2180, -0.6005,
5.9478

■ 168.7930, 0.5951,
-4.2035

■ 179.7810, 2.0800,
-13.8399

■ 191.3560, 3.2755,
-23.9912

Harmonies

Analogous

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



92.3550, 8.6990, 56.6937



90.0020, -9.3680, 64.8962



90.5280, -27.3753, 53.9109

Triad

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



90.0020, -9.3680, 64.8962



79.1010, -20.2628, -34.2916



79.9550, 44.8852, -70.1205

Complementary

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



90.0020, -9.3680, 64.8962



129.9980, 9.3680, -64.8962

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.



82.0120, 34.9971, -71.9245



90.0020, -9.3680, 64.8962



73.9350, 1.5110, -64.8410

Square

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



90.0020, -9.3680, 64.8962



85.9520, -40.8953, 3.5501



79.1960, 19.1304, -69.4549



90.9330, 38.4870, -24.4972

Rectangle

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



90.0020, -9.3680, 64.8962



89.9810, -37.9516, 39.4817



79.1960, 19.1304, -69.4549



81.2600, 42.2698, -71.2650

Sweetspot

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



90.0020, -9.3680, 64.8962



184.5410, -3.7177, 25.8355



95.8200, 33.6127, 45.7619



89.2300, -2.0854, 15.5843



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



90.0020, -9.3680, 64.8962



98.1530, -14.8654, 101.5978



110.5980, -26.9168, 46.8336



75.9190, -0.4531, 5.3330



45.6350, -12.6381, 87.1431



5.6100, -1.7797, 10.8660

Inverse Universe

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



90.0020, -9.3680, 64.8962



98.1530, -14.8654, 101.5978



109.4020, 26.9168, -46.8336



75.9190, -0.4531, 5.3330



45.6350, -12.6381, 87.1431



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 90.0020, -9.3680, 64.8962 looks on a white background.

Color Contrast Check

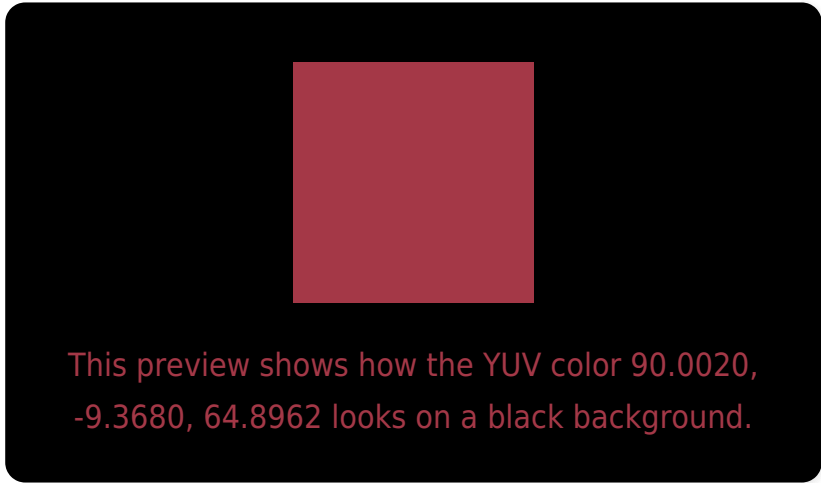
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

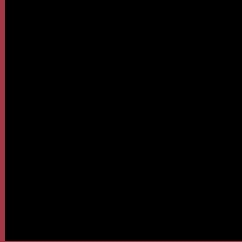
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0020, -9.3680, 64.8962

Background



This preview shows how black text looks on a background with the YUV color 90.0020, -9.3680, 64.8962.



This preview shows how white text looks on a background with the YUV color 90.0020, -9.3680,

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

90.0020, -9.3680, 64.8962

Protanopia

94.6260, -2.7736, 2.9590

Deuteranopia

94.7280, -14.1629, 16.0245



Tritanopia

89.7370, -14.1673, 64.2517

Trichromacy



Original Color

90.0020, -9.3680, 64.8962

Protanomaly

92.7860, -5.3175, 25.6207

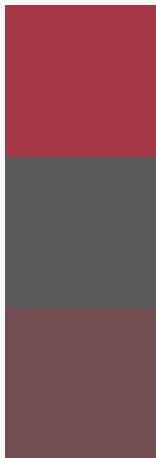
Deuteranomaly

93.0060, -12.3280, 34.1977

Tritanomaly

89.6060, -12.1308, 64.3665

Monochromacy



Original Color

90.0020, -9.3680, 64.8962

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2310, -3.5649, 23.4764

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0020, -9.3680, 64.8962 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(164, 56, 71)` looks like.

```
.text, #text, p{  
    color:rgb(164, 56, 71)  
}
```

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(164, 56, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 56, 71) }
```

Border

The CSS property to change the border of an element to YUV 90.0020, -9.3680, 64.8962 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(164, 56, 71) }
```


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

```
.border{ border-color:rgb(164, 56, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 56, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 56, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 56, 71);  
box-shadow:4px 4px 4px 4px rgb(164, 56,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 90.0020, -9.3680, 64.8962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 56, 71) }
```

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

```
.background{ background-color: rgb(164, 56,  
71) }
```

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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