

Converting Colors

YUV(90.9600, 4.4567, 64.0561)

Have a look what the booklet for
YUV(90.9600, 4.4567, 64.0561)
contains.

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Color

**YUV(90.9600, 4.4567,
64.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	A43464
RGB	164, 52, 100
RGB Percent	64%, 20%, 39%
CMY	0.3569, 0.7961, 0.6078
CMYK	0.00, 0.68, 0.39, 0.36
HSL	334°, 52%, 42%
HSV	334°, 68%, 64%
XYZ	18.8381, 11.2686, 13.2388
YIQ	90.9600, 51.3440, 38.6720

Conversions

Conversions Part 2

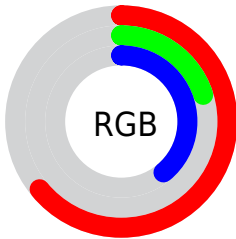
Format	Color
RYB	164, 52, 100
Decimal	10761316
CIELab	40.03, 50.02, -2.48
CIElCh	40, 50.077, 357.162
Yxy	11.2686, 0.4346, 0.2600
Android (android.graphics.Color)	4288951396 (0xFFA43464)
YUV	90.9600, 4.4567, 64.0561
Hunter-Lab	33.5687, 41.4253, 0.1154

Details

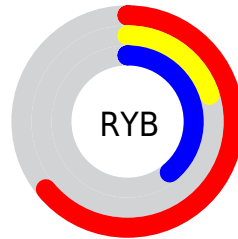
The YUV color **90.9600, 4.4567, 64.0561** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **125.0400, -4.4567, -64.0561**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8140, 2.5567, 66.8151**, and **38.4480, 7.6671, 60.9971** is the 20% darker color. If you saturate the color by 10%, you get **80.5420, 5.1558, 73.1927**, and if you desaturate by 10%, it is **101.3780, 3.7576, 54.9195**.

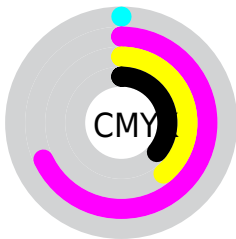
Distribution



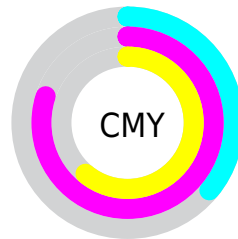
- Red (64%)
- Green (20%)
- Blue (39%)



- Red (64%)
- Yellow (20%)
- Blue (39%)



- Cyan (0%)
- Magenta (68%)
- Yellow (39%)
- Black (36%)





- Cyan (36%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.9600, 4.4567, 64.0561 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 90.9600, 4.4567, 64.0561 by changing the saturation by 10% instead.


 90.9600, 4.4567,
64.0561

 90.9600, 4.4567,
64.0561


255.0000, 0.0000,
0.0000


 61.6550, 7.0721,
65.2006


 145.8140, 2.5567,
66.8151

 38.4480, 7.6671,
60.9971


 173.5970, 1.6777,
68.7594


 27.5680, 2.1850,
45.9829

 194.1220, 5.3629,
53.3900

 17.9550, -4.9078,
34.2425

 213.7500, 9.4902,
36.1763

 5.0830, -2.5059,
10.4512

 232.6940, 10.9969,
19.5624

 0.0000, 0.0000,
0.0000

 250.3040, 2.3151,

4.1184

■ 90.9600, 4.4567,
64.0561

■ 90.9600, 4.4567,
64.0561

■ 80.5420, 5.1558,
73.1927

■ 101.3780, 3.7576,
54.9195

■ 69.4230, 5.7075,
82.9440

■ 112.4970, 3.2060,
45.1681

■ 59.0050, 6.4065,
92.0806

■ 122.9150, 2.5069,
36.0315

■ 57.0160, 6.4011,
93.8250

■ 133.9200, 1.5184,
26.3802

■ 144.4520, 1.2562,
17.1436

■ 154.8700, 0.5571,
8.0070

■ 165.9890, 0.0054,
-1.7444

■ 176.4070, -0.6937,
-10.8809

■ 187.4120, -1.6821,
-20.5323

Harmonies

Analogous

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



96.1490, 21.1255, 37.5803



90.9600, 4.4567, 64.0561



89.6340, -14.6096, 66.0960

Triad

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



90.9600, 4.4567, 64.0561



84.1680, -38.5368, -6.2863



82.5650, 39.6545, -72.4095

Complementary

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



90.9600, 4.4567, 64.0561



125.0400, -4.4567, -64.0561

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.



81.2650, 24.5194, -71.2694



90.9600, 4.4567, 64.0561



69.9280, -11.3035, -61.3269

Square

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



90.9600, 4.4567, 64.0561



88.4000, -43.5812, 25.0822



76.4770, 6.1738, -67.0703



78.7640, 47.9373, -69.0760

Rectangle

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



90.9600, 4.4567, 64.0561



90.2510, -27.2387, 56.7849



76.4770, 6.1738, -67.0703



82.7130, 35.1445, -72.5393

Sweetspot

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



90.9600, 4.4567, 64.0561



186.0230, 1.9607, 24.5358



83.6050, 39.6347, 27.5334



90.0280, 0.9722, 14.8844



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.



90.9600, 4.4567, 64.0561



99.8750, 6.9636, 100.0876



89.5970, -18.5353, 65.2514



76.1470, 0.4205, 5.1331



50.4230, 5.7075, 82.9440



6.2940, 0.8411, 10.2662

Inverse Universe

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



90.9600, 4.4567, 64.0561



99.8750, 6.9636, 100.0876



126.4030, 18.5353, -65.2514



76.1470, 0.4205, 5.1331



50.4230, 5.7075, 82.9440



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 90.9600, 4.4567, 64.0561 looks on a white background.

Color Contrast Check

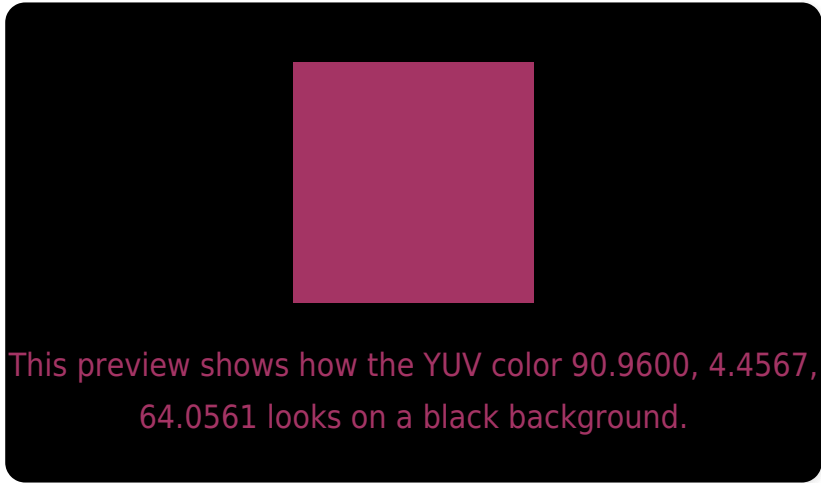
Large Text (above 18pt) WCAG AA ✓ Pass

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

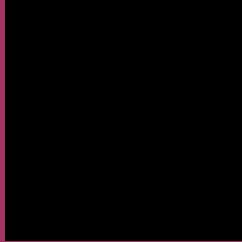
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9600, 4.4567, 64.0561

Background



This preview shows how black text looks on a background with the YUV color 90.9600, 4.4567, 64.0561.



This preview shows how white text looks on a background with the YUV color 90.9600, 4.4567, 64.0561.

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

90.9600, 4.4567, 64.0561

Protanopia

95.3700, 15.5936, -8.2175

Deuteranopia

96.1150, -1.0427, 7.7921



Tritanopia

90.9540, -13.2883, 62.3073

Trichromacy



Original Color

90.9600, 4.4567, 64.0561

Protanomaly

93.7970, 11.4391, 17.7180

Deuteranomaly

93.8170, 1.0762, 28.2245

Tritanomaly

90.9740, -6.8892, 63.1668

Monochromacy



Original Color

90.9600, 4.4567, 64.0561

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1970, 1.3819, 23.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9600, 4.4567, 64.0561 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, 52, 100)` looks like.

```
.text, #text, p{  
    color:rgb(164, 52, 100)  
}
```

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, 52, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 52, 100) }
```

Border

The CSS property to change the border of an element to YUV 90.9600, 4.4567, 64.0561 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, 52, 100) }
```


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

```
.border{ border-color:rgb(164, 52, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 52, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 52, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 52, 100); box-shadow:4px 4px 4px 4px rgb(164, 52, 100) }
```

Background

The CSS property to change the background color of an element to YUV 90.9600, 4.4567, 64.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 52, 100) }
```

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

```
.background{ background-color: rgb(164, 52,  
100) }
```

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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