

Converting Colors

YUV(164.5820, 0.6991, 9.1366)

Have a look what the booklet for
YUV(164.5820, 0.6991, 9.1366)
contains.

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Color

**YUV(164.5820, 0.6991,
9.1366)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9FA6
RGB	175, 159, 166
RGB Percent	69%, 62%, 65%
CMY	0.3137, 0.3765, 0.3490
CMYK	0.00, 0.09, 0.05, 0.31
HSL	334°, 9%, 65%
HSV	334°, 9%, 69%
XYZ	36.9603, 36.6634, 41.2051
YIQ	164.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

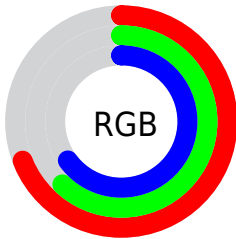
Format	Color
RYB	175, 159, 166
Decimal	11509670
CIELab	67.02, 7.09, -1.52
CIELCh	67, 7.252, 347.904
Yxy	36.6634, 0.3219, 0.3193
Android (android.graphics.Color)	4289699750 (0xFFAF9FA6)
YUV	164.5820, 0.6991, 9.1366
Hunter-Lab	60.5503, 2.9944, 2.0378

Details

The YUV color $164.5820, 0.6991, 9.1366$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $169.4180, -0.6991, -9.1366$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.8810, 0.5517, 9.7514$, and $113.1690, 0.4097, 8.6218$ is the 20% darker color. If you saturate the color by 10%, you get $153.4630, 1.2507, 18.8879$, and if you desaturate by 10%, it is $176.2880, -0.1420, -1.1296$.

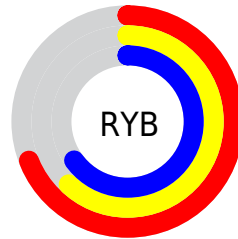
Distribution



Red (69%)

Green (62%)

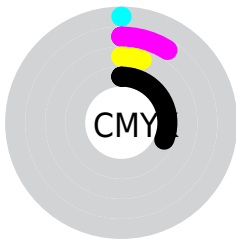
Blue (65%)



Red (69%)

Yellow (62%)

Blue (65%)

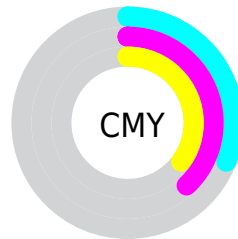


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5820, 0.6991, 9.1366 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 164.5820, 0.6991, 9.1366 by changing the saturation by 10% instead.


 164.5820, 0.6991,
9.1366


 164.5820, 0.6991,
9.1366


255.0000, 0.0000,
0.0000

 138.2830, 0.8465,
8.5218


 219.8810, 0.5517,
9.7514


 113.1690, 0.4097,
8.6218

 246.7990, 1.5781,
7.1923

 88.2830, 0.8465,
8.5218

 64.8700, 0.5571,
8.0070

 42.5710, 0.7045,
7.3922

 22.2720, 0.8519,
6.7775

 0.0000, 0.0000,

0.0000

■ 164.5820, 0.6991,
9.1366

■ 164.5820, 0.6991,
9.1366

■ 153.4630, 1.2507,
18.8879

■ 176.2880, -0.1420,
-1.1296

■ 141.7570, 2.0918,
29.1541

■ 187.4070, -0.6937,
-10.8809

■ 130.0510, 2.9329,
39.4203

■ 199.1130, -1.5347,
-21.1471

■ 119.0460, 3.9213,
49.0717

■ 210.1180, -2.5232,
-30.7985

■ 107.9270, 4.4730,
58.8230

■ 221.8240, -3.3642,
-41.0646

■ 96.2210, 5.3140,
69.0892

■ 227.6600, -1.3114,
-46.1828

■ 85.1020, 5.8657,
78.8405

■ 228.8000, 3.0566,
-47.1826

■ 73.3960, 6.7068,
89.1067

■ 229.9400, 7.4246,
-48.1824

■ 61.6900, 7.5478,
99.3729

■ 231.0800, 11.7926,
-49.1822

Harmonies

Analogous

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



164.0590, 3.9149, 4.3333



164.5820, 0.6991, 9.1366



164.3820, -2.6533, 11.0660

Triad

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



164.5820, 0.6991, 9.1366



162.5180, -5.6784, 1.2997



161.3020, 5.2741, -11.6659

Complementary

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



164.5820, 0.6991, 9.1366



169.4180, -0.6991, -9.1366

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.



161.0200, 2.9481, -12.2955



164.5820, 0.6991, 9.1366



161.9410, -3.9149, -4.3333

Square

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



164.5820, 0.6991, 9.1366



163.3230, -6.5682, 6.7327



161.1190, -0.5517, -9.7514



162.3780, 6.7156, -7.3475

Rectangle

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



164.5820, 0.6991, 9.1366



163.9260, -4.4005, 11.4659



161.1190, -0.5517, -9.7514



161.7750, 4.5479, -12.0807

Sweetspot

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



164.5820, 0.6991, 9.1366



222.4350, 0.2785, 4.0035



163.5150, 5.6621, 3.9333



111.7230, 0.1366, 2.8739



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.



164.5820, 0.6991, 9.1366



210.7290, 1.1196, 14.2697



164.3710, -2.6479, 9.3216



81.1470, 0.4205, 5.1331



52.3740, 6.7176, 85.6180



8.0170, 0.9776, 13.1401

Inverse Universe

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



164.5820, 0.6991, 9.1366



210.7290, 1.1196, 14.2697



169.6290, 2.6479, -9.3216



81.1470, 0.4205, 5.1331



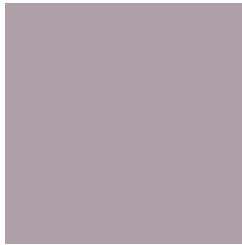
52.3740, 6.7176, 85.6180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 164.5820, 0.6991, 9.1366 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 164.5820, 0.6991, 9.1366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

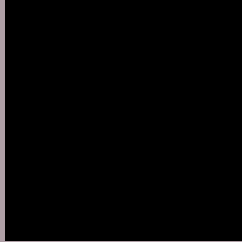
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.5820, 0.6991, 9.1366

Background



This preview shows how black text looks on a background with the YUV color 164.5820, 0.6991, 9.1366.



This preview shows how white text looks on a background with the YUV color 164.5820, 0.6991,

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

164.5820, 0.6991, 9.1366

Protanopia

163.5810, 2.1786, 1.2445

Deuteranopia

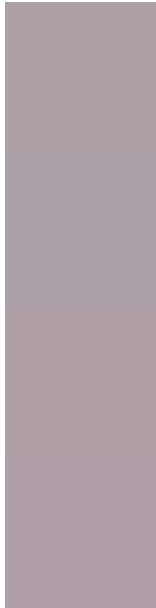
164.5930, 0.6937, 10.8809



Tritanopia

164.8640, 3.0250, 9.7663

Trichromacy



Original Color

164.5820, 0.6991, 9.1366

Protanomaly

164.0760, 1.4415, 4.3183

Deuteranomaly

164.2940, 0.8411, 10.2662

Tritanomaly

164.6360, 2.1515, 9.9662

Monochromacy



Original Color

164.5820, 0.6991, 9.1366

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5820, 0.6991, 9.1366 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, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 166)  
}
```

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, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 166) }
```

Border

The CSS property to change the border of an element to YUV 164.5820, 0.6991, 9.1366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

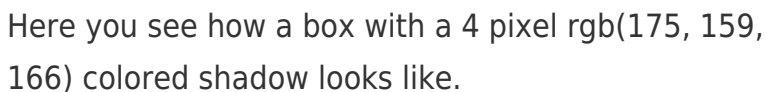
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 159, 166) }
```


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

```
.border{ border-color:rgb(175, 159, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 159, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 159, 166); box-shadow:4px 4px 4px 4px rgb(175, 159, 166) }
```

Background

The CSS property to change the background color of an element to YUV 164.5820, 0.6991, 9.1366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 166) }
```

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

```
.background{ background-color: rgb(175,  
159, 166) }
```

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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