

Converting Colors

YUV(60.4920, 14.5474, 94.2845)

Have a look what the booklet for
YUV(60.4920, 14.5474, 94.2845)
contains.

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Color

**YUV(60.4920, 14.5474,
94.2845)**

Conversions

Conversions Part 1

Format	Color
Hex	A8005A
RGB	168, 0, 90
RGB Percent	66%, 0%, 35%
CMY	0.3412, 1.0000, 0.6471
CMYK	0.00, 1.00, 0.46, 0.34
HSL	328°, 100%, 33%
HSV	328°, 100%, 66%
XYZ	17.9939, 9.0630, 10.4738
YIQ	60.4920, 71.2380, 63.6060

Conversions

Conversions Part 2

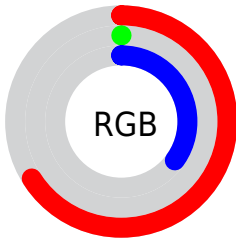
Format	Color
R_{YB}	168, 0, 90
Decimal	11010138
CIE Lab	36.11, 62.51, -1.80
CIE LCh	36, 62.533, 358.349
Yxy	9.0630, 0.4794, 0.2415
Android (android.graphics.Color)	4289200218 (0xFFA8005A)
YUV	60.4920, 14.5474, 94.2845
Hunter-Lab	30.1048, 54.0074, 0.4457

Details

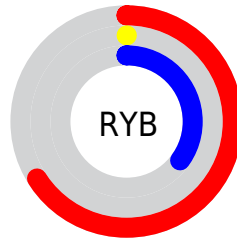
The YUV color **60.4920, 14.5474, 94.2845** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **107.5080, -14.5474, -94.2845**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5050, 4.6810, 85.5031**, and **38.0200, 3.4411, 63.1265** is the 20% darker color. If you saturate the color by 10%, you get **60.4920, 14.5474, 94.2845**, and if you desaturate by 10%, it is **71.3830, 13.1222, 84.7331**.

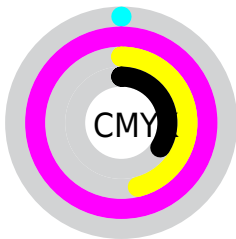
Distribution



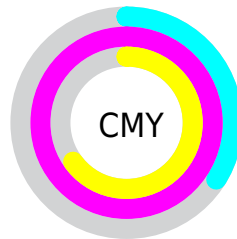
- Red (66%)
- Green (0%)
- Blue (35%)



- Red (66%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (34%)





- Cyan (34%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 60.4920, 14.5474, 94.2845 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 60.4920, 14.5474, 94.2845 by changing the saturation by 10% instead.

 60.4920, 14.5474,
94.2845

 60.4920, 14.5474,
94.2845


255.0000, 0.0000,
0.0000

 49.1990, 8.7759,
78.7555


 130.5050, 4.6810,
85.5031


 38.0200, 3.4411,
63.1265


 158.5650, 3.6655,
84.5735


 26.9550, -1.4568,
47.3975

 178.0790, 7.3561,
67.4597

 16.3740, -7.0864,
32.9980

 198.2940, 11.1941,
49.7312

 2.0930, -1.0318,
4.3034

 218.6230, 15.4689,
31.9026

 0.0000, 0.0000,
0.0000

 236.2160, 9.2605,

16.4736

253.8260, 0.5788,
1.0296

■ 60.4920, 14.5474,
94.2845

■ 71.3830, 13.1222,
84.7331

■ 82.2740, 11.6969,
75.1817

■ 92.4640, 10.1242,
66.2451

■ 103.3550, 8.6990,
56.6937

■ 114.2460, 7.2737,
47.1423

■ 125.1370, 5.8485,
37.5909

■ 136.0280, 4.4232,
28.0394

■ 146.2180, 2.8505,
19.1028

■ 157.1090, 1.4253,
9.5514

Harmonies

Analogous

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



81.6590, 27.7761, 51.1651



60.4920, 14.5474, 94.2845



69.8690, -14.2324, 85.1839

Triad

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



60.4920, 14.5474, 94.2845



72.8080, -35.8943, -13.8636



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.



60.4920, 14.5474, 94.2845



107.5080, -14.5474, -94.2845

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.



77.2700, 26.9819, -67.7658



60.4920, 14.5474, 94.2845



62.8380, -18.1611, -55.1089

Square

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



60.4920, 14.5474, 94.2845



80.1270, -39.5026, 23.5676



70.8690, 4.9946, -62.1521



75.9090, 54.7679, -66.5722

Rectangle

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



60.4920, 14.5474, 94.2845



75.4390, -35.7124, 68.0210



70.8690, 4.9946, -62.1521



79.2880, 39.7910, -69.5356

Sweetspot

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



60.4920, 14.5474, 94.2845



177.4250, 5.7065, 36.4613



41.8760, 62.1791, 29.9267



84.3540, 3.2765, 22.4915



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



60.4920, 14.5474, 94.2845



78.8190, 18.8232, 122.9387



51.1440, -21.2700, 102.4827



78.8480, 0.5679, 4.5183



53.2580, 12.6908, 83.0887



7.2340, 1.8566, 11.1958

Inverse Universe

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



60.4920, 14.5474, 94.2845



78.8190, 18.8232, 122.9387



116.8560, 21.2700, -102.4827



78.8480, 0.5679, 4.5183



53.2580, 12.6908, 83.0887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 60.4920, 14.5474, 94.2845 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 60.4920, 14.5474, 94.2845 looks on a black 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

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

YUV 60.4920, 14.5474, 94.2845

Background



This preview shows how black text looks on a background with the YUV color 60.4920, 14.5474, 94.2845.



This preview shows how white text looks on a background with the YUV color 60.4920, 14.5474,

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

60.4920, 14.5474, 94.2845

Protanopia

87.1290, 21.1354, -12.3911

Deuteranopia

88.6590, -2.7899, 8.1921



Tritanopia

74.5710, -19.0155, 79.3062

Trichromacy



Original Color

60.4920, 14.5474, 94.2845

Protanomaly

77.6870, 18.3953, 26.5845

Deuteranomaly

78.2790, 3.8065, 39.2203

Tritanomaly

69.5190, -6.6649, 84.6138

Monochromacy



Original Color

60.4920, 14.5474, 94.2845

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0010, 5.4225, 34.2021

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.4920, 14.5474, 94.2845 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(168, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 90)  
}
```

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(168, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 90) }
```

Border

The CSS property to change the border of an element to YUV 60.4920, 14.5474, 94.2845 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(168, 0, 90) }
```


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

```
.border{ border-color:rgb(168, 0, 90) }
```

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

Here you see how a box with a 4 pixel rgb(168, 0, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 90);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.4920, 14.5474, 94.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 0, 90) }
```

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

```
.background{ background-color: rgb(168, 0,  
90) }
```

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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