

Converting Colors

YUV(68.4980, 52.0125, 24.1193)

Have a look what the booklet for
YUV(68.4980, 52.0125, 24.1193)
contains.

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Color

**YUV(68.4980, 52.0125,
24.1193)**

Conversions

Conversions Part 1

Format	Color
Hex	6022AE
RGB	96, 34, 174
RGB Percent	38%, 13%, 68%
CMY	0.6235, 0.8667, 0.3176
CMYK	0.45, 0.80, 0.00, 0.32
HSL	267°, 67%, 41%
HSV	267°, 80%, 68%
XYZ	13.0359, 6.6868, 40.6480
YIQ	68.4980, -7.9880, 56.6840

Conversions

Conversions Part 2

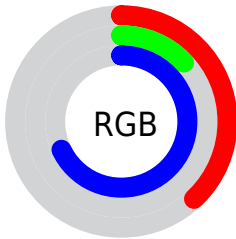
Format	Color
R_{YB}	96, 34, 174
Decimal	6300334
CIE _{Lab}	31.08, 54.91, -62.83
CIE _{LCh}	31, 83.442, 311.150
Yxy	6.6868, 0.2159, 0.1108
Android (android.graphics.Color)	4284490414 (0xFF6022AE)
YUV	68.4980, 52.0125, 24.1193
Hunter-Lab	25.8589, 44.7314, -75.0975

Details

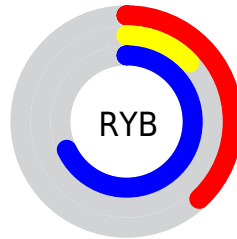
The YUV color **68.4980, 52.0125, 24.1193** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **139.5020, -52.0125, -24.1193**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1500, 53.1700, 26.1784**, and **23.8460, 47.4039, 8.9051** is the 20% darker color. If you saturate the color by 10%, you get **55.5290, 58.4062, 26.7231**, and if you desaturate by 10%, it is **81.4670, 45.6188, 21.5154**.

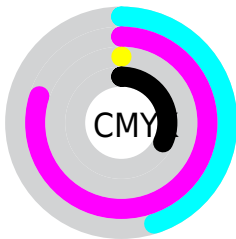
Distribution



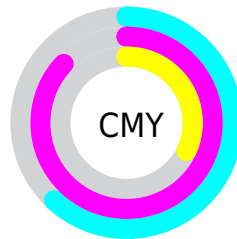
- Red (38%)
- Green (13%)
- Blue (68%)



- Red (38%)
- Yellow (13%)
- Blue (68%)



- Cyan (45%)
- Magenta (80%)
- Yellow (0%)
- Black (32%)



- Cyan (62%)
- Magenta (87%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4980, 52.0125, 24.1193 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 68.4980, 52.0125, 24.1193 by changing the saturation by 10% instead.

68.4980, 52.0125,
24.1193

68.4980, 52.0125,
24.1193

255.0000, 0.0000,
0.0000

36.7910, 54.3330,
26.4933

123.1500, 53.1700,
26.1784

23.8460, 47.4039,
8.9051

149.8190, 51.8542,
28.2227

10.8300, 41.4958,
-9.4979

174.6380, 39.6185,
32.7665

7.9800, 30.5759,
-6.9985

199.4570, 27.3827,
37.3102

7.5920, 18.9351,
-6.6582

219.7800, 17.3635,
30.8879

3.4370, 10.6306,
-3.0142

236.8030, 8.9711,

0.0000, 0.0000,

15.9588

0.0000

253.8260, 0.5788,
1.0296

■ 68.4980, 52.0125,
24.1193

■ 68.4980, 52.0125,
24.1193

■ 55.5290, 58.4062,
26.7231

■ 81.4670, 45.6188,
21.5154

■ 42.8590, 64.6525,
29.9417

■ 94.7240, 39.0831,
17.7821

■ 107.6930, 32.6894,
15.1782

■ 121.2490, 26.0062,
12.0596

■ 133.9190, 19.7599,
8.8410

■ 146.8880, 13.3662,
6.2372

■ 160.4440, 6.6831,
3.1186

■ 173.4130, 0.2894,
0.5148

■ 186.6700, -6.2463,
-3.2186

Harmonies

Analogous

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



68.0960, 67.9867, -59.7202



68.4980, 52.0125, 24.1193



61.7760, 27.2254, 87.8964

Triad

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



68.4980, 52.0125, 24.1193



67.8880, -33.4688, 48.3332



67.4100, 14.5879, -59.1186

Complementary

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



68.4980, 52.0125, 24.1193



139.5020, -52.0125, -24.1193

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.



58.1420, -15.8460, -50.9905



68.4980, 52.0125, 24.1193



66.7050, -32.8856, 1.1357

Square

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



68.4980, 52.0125, 24.1193



48.4380, -23.8799, 99.5939



52.8300, -26.0452, -46.3319



75.1790, 41.8168, -65.9320

Rectangle

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



68.4980, 52.0125, 24.1193



61.3590, 6.2320, 101.4172



52.8300, -26.0452, -46.3319



64.7880, 4.5415, -56.8191

Sweetspot

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



68.4980, 52.0125, 24.1193



185.7450, 20.3387, 9.8706



96.3330, 38.2898, -54.6660



89.3610, 12.6400, 5.8224



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.



68.4980, 52.0125, 24.1193



61.0830, 81.7971, 37.6382



89.1290, 41.8414, 66.5389



80.2220, 3.3416, 1.5593



37.1330, 55.6434, 26.1934



5.6120, 8.5723, 3.8483

Inverse Universe

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



84.7520, 13.4333, 78.2705



86.6880, 20.8598, 123.0536



118.8710, -41.8414, -66.5389



81.2610, 0.8573, 5.0331



54.4260, 14.5800, 83.8184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 68.4980, 52.0125, 24.1193 looks on a white background.

Color Contrast Check

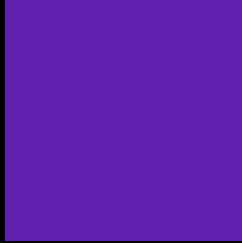
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.4980, 52.0125, 24.1193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

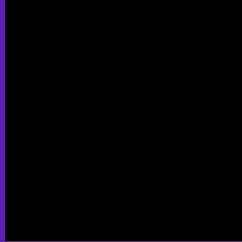
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.4980, 52.0125, 24.1193

Background



This preview shows how black text looks on a background with the YUV color 68.4980, 52.0125, 24.1193.



This preview shows how white text looks on a background with the YUV color 68.4980, 52.0125,

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

68.4980, 52.0125, 24.1193

Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

59.3180, 34.3532, -52.0219



Tritanopia

73.6840, 2.6208, -0.5999

Trichromacy



Original Color

68.4980, 52.0125, 24.1193

Protanomaly

62.6370, 47.5070, -24.2376

Deuteranomaly

62.8020, 40.5236, -24.3824

Tritanomaly

71.8480, 20.7809, 8.0263

Monochromacy



Original Color

68.4980, 52.0125, 24.1193

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.3920, 19.0337, 8.4262

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4980, 52.0125, 24.1193 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(96, 34, 174)` looks like.

```
.text, #text, p{  
    color:rgb(96, 34, 174)  
}
```

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(96, 34, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 34, 174) }
```

Border

The CSS property to change the border of an element to YUV 68.4980, 52.0125, 24.1193 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(96, 34, 174) }
```


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

```
.border{ border-color:rgb(96, 34, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 34, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 34, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 34, 174);  
box-shadow:4px 4px 4px 4px rgb(96, 34,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 68.4980, 52.0125, 24.1193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 34, 174) }
```

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

```
.background{ background-color: rgb(96, 34,  
174) }
```

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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