

Converting Colors

YUV(52.8980, 4.9803, 36.0465)

Have a look what the booklet for
YUV(52.8980, 4.9803, 36.0465)
contains.

YUV(52.8980, 4.9803, 36.0465)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(52.8980, 4.9803,
36.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	5E1E3F
RGB	94, 30, 63
RGB Percent	37%, 12%, 25%
CMY	0.6314, 0.8824, 0.7529
CMYK	0.00, 0.68, 0.33, 0.63
HSL	329°, 52%, 24%
HSV	329°, 68%, 37%
XYZ	5.9776, 3.6671, 5.0954
YIQ	52.8980, 27.5510, 23.8310

Conversions

Conversions Part 2

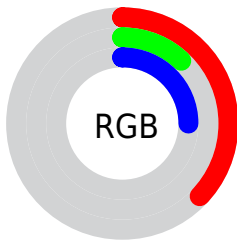
Format	Color
R_{YB}	94, 30, 63
Decimal	6168127
CIE Lab	22.54, 32.72, -5.63
CIE LCh	23, 33.202, 350.244
Yxy	3.6671, 0.4055, 0.2488
Android (android.graphics.Color)	4284358207 (0xFF5E1E3F)
YUV	52.8980, 4.9803, 36.0465
Hunter-Lab	19.1497, 22.2067, -2.3712

Details

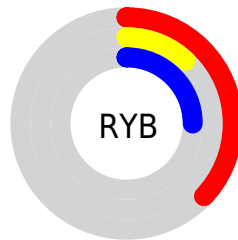
The YUV color **52.8980, 4.9803, 36.0465** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **71.1020, -4.9803, -36.0465**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9800, 3.9539, 38.6055**, and **16.1480, 2.3920, 26.1802** is the 20% darker color. If you saturate the color by 10%, you get **47.0450, 5.4008, 41.1795**, and if you desaturate by 10%, it is **58.7510, 4.5598, 30.9134**.

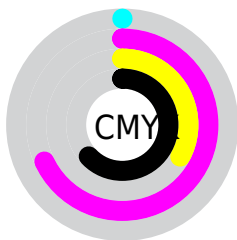
Distribution



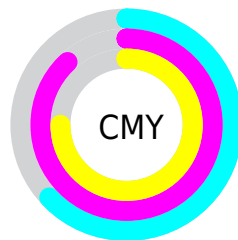
- Red (37%)
- Green (12%)
- Blue (25%)



- Red (37%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (68%)
- Yellow (33%)
- Black (63%)



- Cyan (63%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8980, 4.9803, 36.0465 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 52.8980, 4.9803, 36.0465 by changing the saturation by 10% instead.

■ 52.8980, 4.9803,
36.0465

■ 52.8980, 4.9803,
36.0465

■ 255.0000, 0.0000,
0.0000

■ 27.0660, 6.8695,
36.7761

■ 102.9800, 3.9539,
38.6055

■ 16.1480, 2.3920,
26.1802

■ 128.5780, 3.6590,
39.8351

■ 0.2990, -0.1474,
0.6148

■ 154.5890, 3.6536,
41.5794

■ 0.0000, 0.0000,
0.0000

■ 182.1870, 3.3588,
42.8090

■ 208.4040, 4.2378,
40.8647

■ 228.0320, 8.3652,

23.6509

246.1950, 4.3409,
7.7220

52.8980, 4.9803,
36.0465

52.8980, 4.9803,
36.0465

47.0450, 5.4008,
41.1795

58.7510, 4.5598,
30.9134

40.7190, 6.5475,
46.7274

65.0770, 3.4130,
25.3655

34.8660, 6.9681,
51.8605

70.9300, 2.9925,
20.2324

33.5780, 7.1100,
52.9901

77.2560, 1.8458,
14.6845

83.1090, 1.4253,
9.5514

■ 88.8480, 0.5679,
4.5183

■ 95.2880, -0.1420,
-1.1296

■ 101.0270, -0.9993,
-6.1627

■ 107.4670, -1.7092,
-11.8106

Harmonies

Analogous

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



55.4210, 15.0754, 18.0478



52.8980, 4.9803, 36.0465



51.2440, -6.5293, 41.0050

Triad

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



52.8980, 4.9803, 36.0465



48.9960, -24.1550, 0.8805



47.9420, 21.2276, -42.0451

Complementary

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



52.8980, 4.9803, 36.0465



71.1020, -4.9803, -36.0465

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.



46.1350, 11.7654, -40.4604



52.8980, 4.9803, 36.0465



44.0560, -11.8596, -22.8511

Square

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



52.8980, 4.9803, 36.0465



51.1770, -25.2303, 19.1388



43.2850, 0.8455, -37.9609



46.3750, 27.9161, -40.6709

Rectangle

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



52.8980, 4.9803, 36.0465



51.5610, -14.0806, 36.3420



43.2850, 0.8455, -37.9609



47.8450, 18.3174, -41.9601

Sweetspot

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



52.8980, 4.9803, 36.0465



106.6580, 2.1406, 13.4549



46.5650, 23.3855, 12.6595



51.9840, 0.9939, 7.9070



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



52.8980, 4.9803, 36.0465



57.8280, 7.9728, 56.2788



49.2500, -8.9972, 39.2458



42.8370, 0.5734, 2.7740



39.3880, 8.6827, 61.9267



84.7710, 18.3539, 133.5048

Inverse Universe

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



52.8980, 4.9803, 36.0465



57.8280, 7.9728, 56.2788



74.7500, 8.9972, -39.2458



42.8370, 0.5734, 2.7740



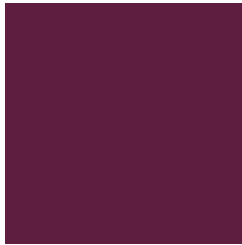
39.3880, 8.6827, 61.9267



84.7710, 18.3539, 133.5048

Previews

White Background



This preview shows how the YUV color 52.8980, 4.9803, 36.0465 looks on a white background.

Color Contrast Check

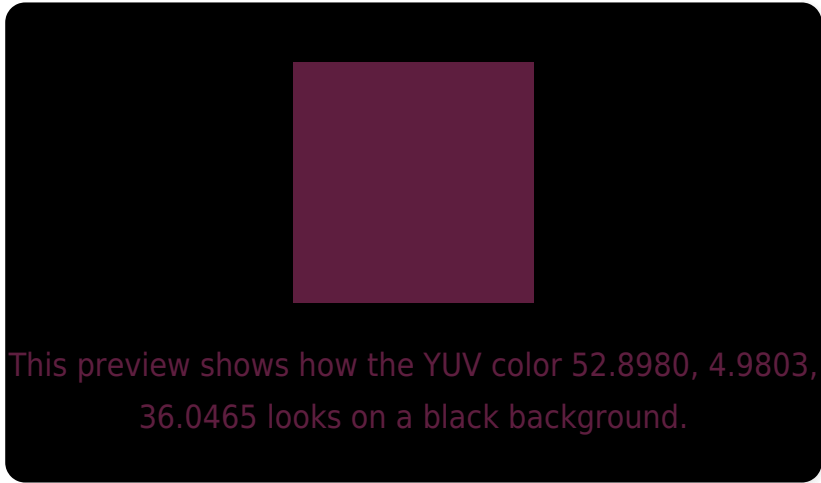
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

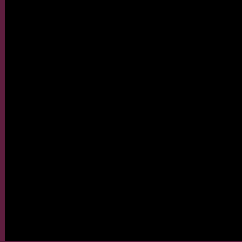
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8980, 4.9803, 36.0465

Background



This preview shows how black text looks on a background with the YUV color 52.8980, 4.9803, 36.0465.



This preview shows how white text looks on a background with the YUV color 52.8980, 4.9803,

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

52.8980, 4.9803, 36.0465

Protanopia

54.8710, 12.3886, -6.9029

Deuteranopia

55.8800, 2.0312, 1.8592



Tritanopia

52.9720, -7.3812, 34.2276

Trichromacy



Original Color

52.8980, 4.9803, 36.0465

Protanomaly

53.9870, 9.8664, 8.7814

Deuteranomaly

54.5980, 3.1562, 14.3846

Tritanomaly

53.1230, -3.0186, 34.9721

Monochromacy



Original Color

52.8980, 4.9803, 36.0465

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2450, 1.8512, 12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8980, 4.9803, 36.0465 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(94, 30, 63)` looks like.

```
.text, #text, p{  
    color:rgb(94, 30, 63)  
}
```

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(94, 30, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 30, 63) }
```

Border

The CSS property to change the border of an element to YUV 52.8980, 4.9803, 36.0465 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(94, 30, 63) }
```


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

```
.border{ border-color:rgb(94, 30, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 30, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 30, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 30, 63);  
box-shadow:4px 4px 4px 4px rgb(94, 30, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8980, 4.9803, 36.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 30, 63) }
```

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

```
.background{ background-color: rgb(94, 30,  
63) }
```

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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