

Converting Colors

YUV(52.6820, -0.8292, 32.7279)

Have a look what the booklet for
YUV(52.6820, -0.8292, 32.7279)
contains.

YUV(52.6820, -0.8292, 32.7279)	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(52.6820, -0.8292,
32.7279)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2233
RGB	90, 34, 51
RGB Percent	35%, 13%, 20%
CMY	0.6471, 0.8667, 0.8000
CMYK	0.00, 0.62, 0.43, 0.65
HSL	342°, 45%, 24%
HSV	342°, 62%, 35%
XYZ	5.3860, 3.5567, 3.5346
YIQ	52.6820, 27.9190, 17.1590

Conversions

Conversions Part 2

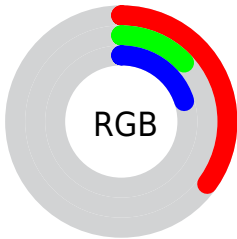
Format	Color
RYB	90, 34, 51
Decimal	5906995
CIELab	22.15, 27.62, 1.97
CIElCh	22, 27.688, 4.085
Yxy	3.5567, 0.4317, 0.2851
Android (android.graphics.Color)	4284097075 (0xFF5A2233)
YUV	52.6820, -0.8292, 32.7279
Hunter-Lab	18.8593, 17.9740, 2.0894

Details

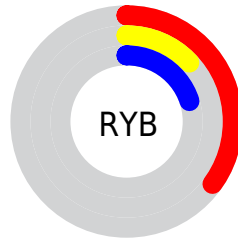
The YUV color **52.6820, -0.8292, 32.7279** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **71.3180, 0.8292, -32.7279**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3620, -2.1505, 36.5165**, and **13.6120, -4.7387, 26.6503** is the 20% darker color. If you saturate the color by 10%, you get **46.7150, -0.8455, 37.9609**, and if you desaturate by 10%, it is **58.6490, -0.8130, 27.4948**.

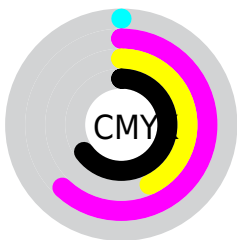
Distribution



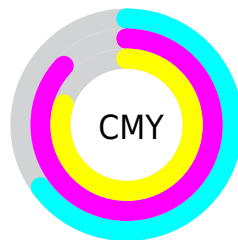
- Red (35%)
- Green (13%)
- Blue (20%)



- Red (35%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (62%)
- Yellow (43%)
- Black (65%)



- Cyan (65%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6820, -0.8292, 32.7279 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 52.6820, -0.8292, 32.7279 by changing the saturation by 10% instead.

■ 52.6820, -0.8292,
32.7279

■ 52.6820, -0.8292,
32.7279

■ 255.0000, 0.0000,
0.0000

■ 28.7250, 0.6286,
31.8132

■ 101.3620, -2.1505,
36.5165

■ 13.6120, -4.7387,
26.6503

■ 126.9600, -2.4453,
37.7461

■ 0.0000, 0.0000,
0.0000

■ 153.5580, -2.7401,
38.9756

■ 180.4550, -3.1823,
40.8200

■ 208.4550, -3.1823,
40.8200

■ 227.4960, 1.2345,

24.1210

247.3690, 3.7621,
6.6924

52.6820, -0.8292,
32.7279

52.6820, -0.8292,
32.7279

46.7150, -0.8455,
37.9609

58.6490, -0.8130,
27.4948

40.6340, -1.2986,
43.2940

64.7300, -0.3599,
22.1618

34.6670, -1.3148,
48.5270

70.6970, -0.3436,
16.9287

29.9880, -1.4731,
52.6305

76.6640, -0.3274,
11.6957

82.6310, -0.3111,
6.4626

■ 88.7120, 0.1420,
1.1296

■ 94.6790, 0.1583,
-4.1035

■ 100.6460, 0.1745,
-9.3365

■ 106.6130, 0.1908,
-14.5696

Harmonies

Analogous

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



54.3200, 8.2232, 22.5214



52.6820, -0.8292, 32.7279



52.4510, -10.5753, 32.0535

Triad

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



52.6820, -0.8292, 32.7279



47.9440, -15.2554, -6.9669



45.4800, 21.9484, -39.8860

Complementary

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



52.6820, -0.8292, 32.7279



71.3180, 0.8292, -32.7279

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.



44.9440, 14.8176, -39.4159



52.6820, -0.8292, 32.7279



42.0640, -3.9756, -31.6281

Square

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



52.6820, -0.8292, 32.7279



50.2620, -20.8352, 9.4172



43.2510, 5.7923, -37.9311



46.0020, 23.6630, -29.8198

Rectangle

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



52.6820, -0.8292, 32.7279



52.0390, -15.7952, 26.2758



43.2510, 5.7923, -37.9311



45.6110, 19.9118, -40.0008

Sweetspot

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



52.6820, -0.8292, 32.7279



102.3760, -0.1854, 12.8252



51.7460, 18.8592, 17.7628



49.6420, -0.3165, 8.2070



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



52.6820, -0.8292, 32.7279



58.3900, -1.1783, 51.4010



56.6140, -11.1487, 29.2795



42.7230, 0.1366, 2.8739



36.6520, -1.8004, 64.3262



79.0710, -3.4860, 138.5037

Inverse Universe

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



52.6820, -0.8292, 32.7279



58.3900, -1.1783, 51.4010



67.3860, 11.1487, -29.2795



42.7230, 0.1366, 2.8739



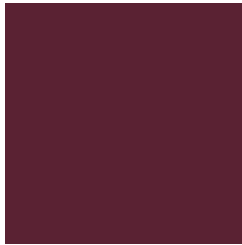
36.6520, -1.8004, 64.3262



79.0710, -3.4860, 138.5037

Previews

White Background



This preview shows how the YUV color 52.6820, -0.8292, 32.7279 looks on a white background.

Color Contrast Check

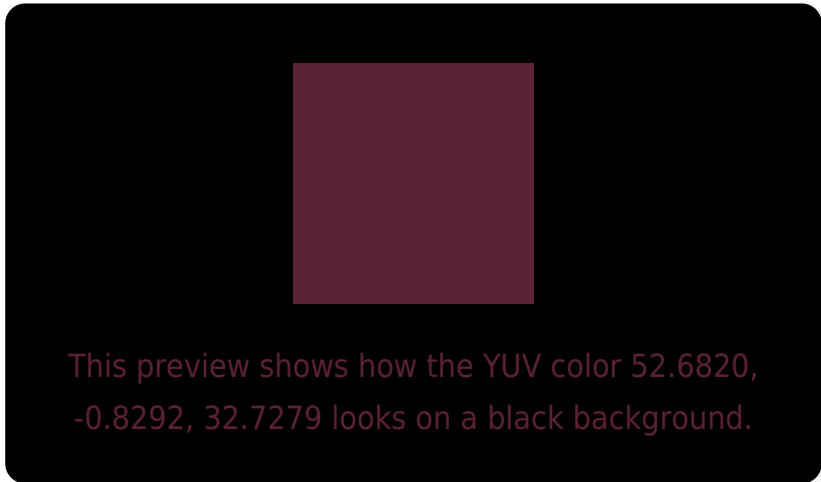
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6820, -0.8292, 32.7279

Background



This preview shows how black text looks on a background with the YUV color 52.6820, -0.8292, 32.7279.



This preview shows how white text looks on a background with the YUV color 52.6820, -0.8292,

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

52.6820, -0.8292, 32.7279

Protanopia

54.3140, 3.7892, -2.0294

Deuteranopia

54.2350, -3.0739, 5.9329



Tritanopia

52.1890, -6.5022, 32.2832

Trichromacy



Original Color

52.6820, -0.8292, 32.7279

Protanomaly

53.9350, 2.0040, 10.5810

Deuteranomaly

53.5290, -2.2328, 16.1991

Tritanomaly

52.0580, -4.4656, 32.3981

Monochromacy



Original Color

52.6820, -0.8292, 32.7279

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.6640, -0.3274, 11.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6820, -0.8292, 32.7279 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(90, 34, 51)` looks like.

```
.text, #text, p{  
    color:rgb(90, 34, 51)  
}
```

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(90, 34, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 34, 51) }
```

Border

The CSS property to change the border of an element to YUV 52.6820, -0.8292, 32.7279 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(90, 34, 51) }
```


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

```
.border{ border-color:rgb(90, 34, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 34, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 34, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 34, 51);  
box-shadow:4px 4px 4px 4px rgb(90, 34, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.6820, -0.8292, 32.7279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 34, 51) }
```

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

```
.background{ background-color: rgb(90, 34,  
51) }
```

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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