

Converting Colors

YUV(52.6330, 57.3689, 32.7709)

Have a look what the booklet for
YUV(52.6330, 57.3689, 32.7709)
contains.

YUV(52.6330, 57.3689, 32.7709)	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(52.6330, 57.3689,
32.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	5A0BA9
RGB	90, 11, 169
RGB Percent	35%, 4%, 66%
CMY	0.6471, 0.9569, 0.3373
CMYK	0.47, 0.93, 0.00, 0.34
HSL	270°, 88%, 35%
HSV	270°, 93%, 66%
XYZ	11.4976, 5.2776, 37.9488
YIQ	52.6330, -3.6340, 65.8860

Conversions

Conversions Part 2

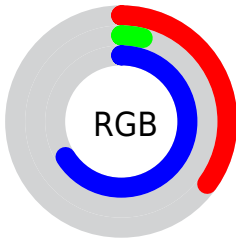
Format	Color
RYB	90, 11, 169
Decimal	5901225
CIELab	27.51, 59.73, -65.73
CIELCh	28, 88.816, 312.264
Yxy	5.2776, 0.2101, 0.0964
Android (android.graphics.Color)	4284091305 (0xFF5A0BA9)
YUV	52.6330, 57.3689, 32.7709
Hunter-Lab	22.9730, 49.1333, -81.8594

Details

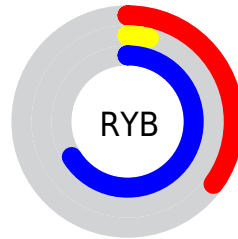
The YUV color **52.6330, 57.3689, 32.7709** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **127.3670, -57.3689, -32.7709**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.1660, 55.6272, 31.4264**, and **19.9870, 46.8414, 2.6424** is the 20% darker color. If you saturate the color by 10%, you get **44.3820, 61.4367, 34.7450**, and if you desaturate by 10%, it is **65.0040, 51.2700, 28.9375**.

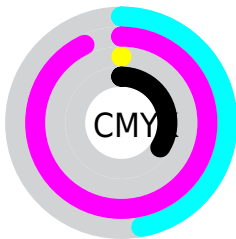
Distribution



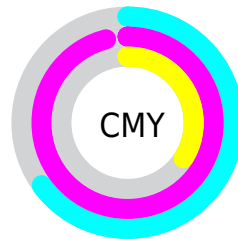
- Red (35%)
- Green (4%)
- Blue (66%)



- Red (35%)
- Yellow (4%)
- Blue (66%)



- Cyan (47%)
- Magenta (93%)
- Yellow (0%)
- Black (34%)



- Cyan (65%)
- Magenta (96%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6330, 57.3689, 32.7709 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 52.6330, 57.3689, 32.7709 by changing the saturation by 10% instead.

■ 52.6330, 57.3689,
32.7709

■ 52.6330, 57.3689,
32.7709

■ 255.0000, 0.0000,
0.0000

■ 34.1280, 53.1809,
22.6897

■ 112.1660, 55.6272,
31.4264

■ 19.9870, 46.8414,
2.6424

■ 140.1060, 56.6427,
32.3560

■ 10.2600, 39.3118,
-8.9980

■ 164.9250, 44.4070,
36.8998

■ 8.5840, 27.8131,
-7.5282

■ 189.7440, 32.1712,
41.4435

■ 6.5490, 17.4773,
-5.7435

■ 211.5620, 21.4149,
38.0951


■ 2.8670, 8.4466,
-2.5144


■ 227.9980, 13.3120,


■ 0.0000, 0.0000,


23.6808


0.0000

 245.0210, 4.9196,
8.7516


 52.6330, 57.3689,
32.7709


 52.6330, 57.3689,
32.7709


 44.3820, 61.4367,
34.7450

 65.0040, 51.2700,
28.9375

 77.6740, 45.0237,
25.7189

 90.0450, 38.9248,
21.8855

 102.7150, 32.6785,
18.6669

 114.4990, 26.8690,
15.3484

■ 127.1690, 20.6227,
12.1298

■ 139.5400, 14.5238,
8.2964

■ 152.2100, 8.2775,
5.0778

■ 164.5810, 2.1786,
1.2445

Harmonies

Analogous

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



63.1720, 69.4282, -55.4018



52.6330, 57.3689, 32.7709



59.5540, 23.8839, 86.3371

Triad

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



52.6330, 57.3689, 32.7709



59.9030, -29.5322, 45.6891



61.6710, 15.4452, -54.0855

Complementary

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



52.6330, 57.3689, 32.7709



127.3670, -57.3689, -32.7709

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.



51.8330, -17.1727, -45.4575



52.6330, 57.3689, 32.7709



57.8230, -28.5067, -3.3528

Square

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



52.6330, 57.3689, 32.7709



45.7470, -22.5533, 94.0609



48.1340, -23.7301, -42.2135



70.2550, 43.2583, -61.6136

Rectangle

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



52.6330, 57.3689, 32.7709



58.7240, 2.6011, 99.3431



48.1340, -23.7301, -42.2135



58.9350, 4.9620, -51.6860

Sweetspot

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



52.6330, 57.3689, 32.7709



174.2230, 22.0751, 12.9594



75.3850, 46.1522, -56.4656



82.0130, 13.7976, 7.8816



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.



52.6330, 57.3689, 32.7709



57.8560, 79.4440, 45.7303



76.2540, 45.7238, 81.3382



78.1080, 2.9048, 1.6593



38.9980, 53.7380, 30.6968



5.2700, 7.2619, 4.1482

Inverse Universe

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



67.2480, 11.2167, 89.2365



78.0210, 15.7656, 123.6386



103.7460, -45.7238, -81.3382



78.8480, 0.5679, 4.5183



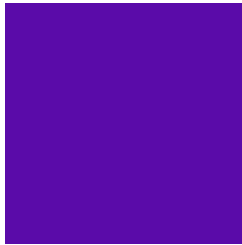
52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 52.6330, 57.3689, 32.7709 looks on a white background.

Color Contrast Check

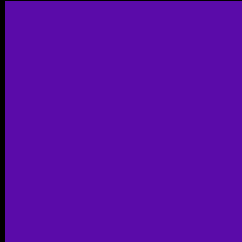
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6330, 57.3689, 32.7709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

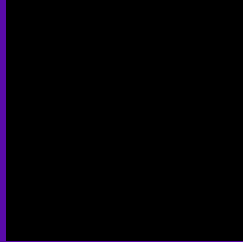
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.6330, 57.3689, 32.7709

Background



This preview shows how black text looks on a background with the YUV color 52.6330, 57.3689, 32.7709.



This preview shows how white text looks on a background with the YUV color 52.6330, 57.3689,

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

52.6330, 57.3689, 32.7709

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

53.7270, 30.7006, -47.1186



Tritanopia

66.3850, 2.7682, -1.2146

Trichromacy



Original Color

52.6330, 57.3689, 32.7709

Protanomaly

53.0400, 46.3223, -17.5751

Deuteranomaly

53.4330, 40.2125, -17.9197

Tritanomaly

61.3260, 22.5173, 11.1151

Monochromacy



Original Color

52.6330, 57.3689, 32.7709

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8700, 20.7701, 11.5150

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6330, 57.3689, 32.7709 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, 11, 169)` looks like.

```
.text, #text, p{  
    color:rgb(90, 11, 169)  
}
```

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, 11, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 11, 169) }
```

Border

The CSS property to change the border of an element to YUV 52.6330, 57.3689, 32.7709 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, 11, 169) }
```


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

```
.border{ border-color:rgb(90, 11, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 11, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 11, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 11, 169);  
box-shadow:4px 4px 4px 4px rgb(90, 11,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 52.6330, 57.3689, 32.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 11, 169) }
```

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

```
.background{ background-color: rgb(90, 11,  
169) }
```

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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