

Converting Colors

YUV(52.9260, 32.5745, 5.3269)

Have a look what the booklet for
YUV(52.9260, 32.5745, 5.3269)
contains.

YUV(52.9260, 32.5745, 5.3269)	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(52.9260, 32.5745,
5.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2577
RGB	59, 37, 119
RGB Percent	23%, 15%, 47%
CMY	0.7686, 0.8549, 0.5333
CMYK	0.50, 0.69, 0.00, 0.53
HSL	256°, 53%, 31%
HSV	256°, 69%, 47%
XYZ	5.7950, 3.5849, 17.8393
YIQ	52.9260, -13.2100, 30.1660

Conversions

Conversions Part 2

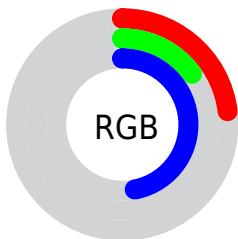
Format	Color
R _Y B	59, 37, 119
Decimal	3876215
CIE Lab	22.25, 31.93, -43.49
CIE LCh	22, 53.953, 306.282
Yxy	3.5849, 0.2129, 0.1317
Android (android.graphics.Color)	4282066295 (0xFF3B2577)
YUV	52.9260, 32.5745, 5.3269
Hunter-Lab	18.9337, 21.4989, -42.6093

Details

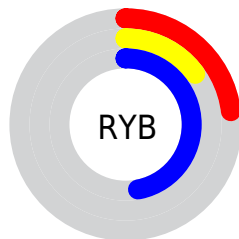
The YUV color **52.9260, 32.5745, 5.3269** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **103.0740, -32.5745, -5.3269**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8170, 34.6002, 8.9305**, and **8.8770, 30.1336, -5.1541** is the 20% darker color. If you saturate the color by 10%, you get **43.1910, 37.3738, 5.9715**, and if you desaturate by 10%, it is **62.6610, 27.7751, 4.6823**.

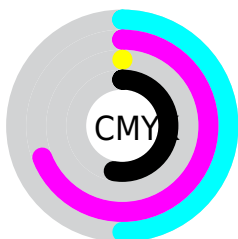
Distribution



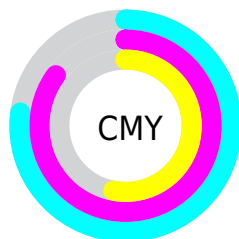
- Red (23%)
- Green (15%)
- Blue (47%)



- Red (23%)
- Yellow (15%)
- Blue (47%)



- Cyan (50%)
- Magenta (69%)
- Yellow (0%)
- Black (53%)



- Cyan (77%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.9260, 32.5745, 5.3269 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 52.9260, 32.5745, 5.3269 by changing the saturation by 10% instead.

■ 52.9260, 32.5745,
5.3269

■ 52.9260, 32.5745,
5.3269

■ 255.0000, 0.0000,
0.0000

■ 28.7900, 32.1485,
1.9382

■ 101.8170, 34.6002,
8.9305

■ 8.8770, 30.1336,
-5.1541

■ 127.7570, 35.6158,
9.8601

■ 7.5920, 18.9351,
-6.6582

■ 154.2840, 36.3420,
10.2749

■ 3.4370, 10.6306,
-3.0142

■ 180.9960, 36.4840,
11.4045

■ 0.0000, 0.0000,
0.0000

■ 205.5160, 24.3956,
15.3335

■ 230.6230, 12.0179,

18.7476

248.5430, 3.1833,
5.6628

52.9260, 32.5745,
5.3269

52.9260, 32.5745,
5.3269

43.1910, 37.3738,
5.9715

62.6610, 27.7751,
4.6823

33.7550, 42.0258,
7.2309

72.0970, 23.1232,
3.4229

24.0200, 46.8251,
7.8755

81.8320, 18.3238,
2.7783

23.1340, 47.2619,
7.7755

91.5670, 13.5245,
2.1337

101.3020, 8.7251,
1.4891

■ 110.1510, 4.3626,
0.7446

■ 119.8860, -0.4368,
0.1000

■ 129.6210, -5.2362,
-0.5446

■ 139.0570, -9.8881,
-1.8040

Harmonies

Analogous

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



48.2620, 42.7618, -42.3258



52.9260, 32.5745, 5.3269



41.1990, 22.0869, 55.9535

Triad

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



52.9260, 32.5745, 5.3269



49.5150, -24.4109, 36.3823



47.4570, 6.6767, -41.6198

Complementary

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



52.9260, 32.5745, 5.3269



103.0740, -32.5745, -5.3269

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.



41.2670, -11.9636, -36.1912



52.9260, 32.5745, 5.3269



49.9260, -24.6135, 7.9579

Square

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



52.9260, 32.5745, 5.3269



36.0040, -15.7780, 67.5255



39.6720, -19.5583, -26.8993



51.9030, 23.7118, -45.5189

Rectangle

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



52.9260, 32.5745, 5.3269



42.1220, 8.8139, 66.5450



39.6720, -19.5583, -26.8993



45.2740, 0.8509, -39.7053

Sweetspot

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



52.9260, 32.5745, 5.3269



129.4530, 13.0877, 2.2337



81.5680, 18.4540, -39.0861



63.0740, 7.8515, 1.6891



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



52.9260, 32.5745, 5.3269



51.2850, 51.6245, 8.5201



65.1850, 26.5308, 30.5328



53.9830, 2.4734, 0.0149



23.7750, 48.4249, 8.0903



48.5330, 99.3232, 16.1956

Inverse Universe

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



68.3580, 14.1205, 44.4130



75.7000, 22.3329, 70.4231



90.8150, -26.5308, -30.5328



55.2500, 0.8628, 3.2888



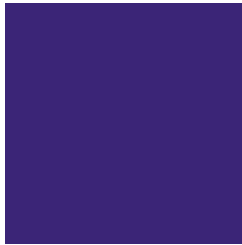
46.7380, 21.3282, 66.0048



95.6120, 43.0823, 135.3983

Previews

White Background



This preview shows how the YUV color 52.9260, 32.5745, 5.3269 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 52.9260, 32.5745, 5.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

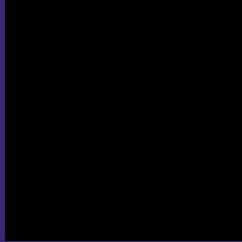
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.9260, 32.5745, 5.3269

Background



This preview shows how black text looks on a background with the YUV color 52.9260, 32.5745, 5.3269.



This preview shows how white text looks on a background with the YUV color 52.9260, 32.5745,

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

52.9260, 32.5745, 5.3269

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

43.0010, 25.1425, -37.7119



Tritanopia

52.3840, 4.2477, -9.1068

Trichromacy



Original Color

52.9260, 32.5745, 5.3269

Protanomaly

46.7500, 32.6613, -22.5827

Deuteranomaly

46.1970, 28.0039, -22.0978

Tritanomaly

52.4630, 14.5617, -3.9141

Monochromacy



Original Color

52.9260, 32.5745, 5.3269

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8120, 11.9247, 1.9189

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.9260, 32.5745, 5.3269 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(59, 37, 119)` looks like.

```
.text, #text, p{  
    color:rgb(59, 37, 119)  
}
```

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(59, 37, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 37, 119) }
```

Border

The CSS property to change the border of an element to YUV 52.9260, 32.5745, 5.3269 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(59, 37, 119) }
```


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

```
.border{ border-color:rgb(59, 37, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 37, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 37, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 37, 119);  
box-shadow:4px 4px 4px 4px rgb(59, 37,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 52.9260, 32.5745, 5.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 37, 119) }
```

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

```
.background{ background-color: rgb(59, 37,  
119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor