

Converting Colors

YUV(52.8180, 39.5297,
-32.2894)

Have a look what the booklet for
YUV(52.8180, 39.5297, -32.2894)
contains.

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Color

**YUV(52.8180, 39.5297,
-32.2894)**

Conversions

Conversions Part 1

Format	Color
Hex	103885
RGB	16, 56, 133
RGB Percent	6%, 22%, 52%
CMY	0.9373, 0.7804, 0.4784
CMYK	0.88, 0.58, 0.00, 0.48
HSL	219°, 79%, 29%
HSV	219°, 88%, 52%
XYZ	5.8615, 4.6320, 22.7754
YIQ	52.8180, -48.5570, 15.4670

Conversions

Conversions Part 2

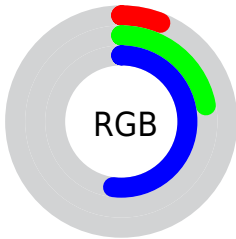
Format	Color
R_{YB}	16, 46, 133
Decimal	1063045
CIE _{Lab}	25.66, 17.98, -46.90
CIE _{LCh}	26, 50.223, 290.973
Yxy	4.6320, 0.1762, 0.1392
Android (android.graphics.Color)	4279253125 (0xFF103885)
YUV	52.8180, 39.5297, -32.2894
Hunter-Lab	21.5220, 10.9508, -47.6776

Details

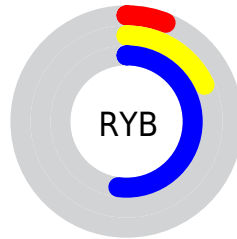
The YUV color **52.8180, 39.5297, -32.2894** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **96.1820, -39.5297, 32.2894**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3080, 39.7812, -19.5641**, and **18.1530, 31.4766, -15.9202** is the 20% darker color. If you saturate the color by 10%, you get **43.6480, 44.0505, -35.6483**, and if you desaturate by 10%, it is **61.9880, 35.0089, -28.9305**.

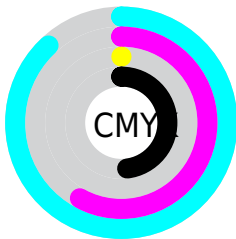
Distribution



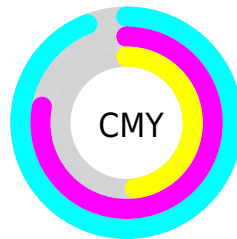
- Red (6%)
- Green (22%)
- Blue (52%)



- Red (6%)
- Yellow (18%)
- Blue (52%)



- Cyan (88%)
- Magenta (58%)
- Yellow (0%)
- Black (48%)



- Cyan (94%)
- Magenta (78%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8180, 39.5297, -32.2894 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 52.8180, 39.5297, -32.2894 by changing the saturation by 10% instead.

■ 52.8180, 39.5297,
-32.2894

■ 52.8180, 39.5297,
-32.2894

■ 255.0000, 0.0000,
0.0000

■ 32.7430, 36.6087,
-28.7156

■ 106.3080, 39.7812,
-19.5641

■ 18.1530, 31.4766,
-15.9202

■ 132.5470, 40.6493,
-18.0197

■ 10.2480, 24.0347,
-8.9875

■ 159.4870, 41.6649,
-17.0901

■ 5.2780, 15.1459,
-4.6288

■ 185.2610, 34.3813,
-14.2609

■ 1.3680, 5.2416,
-1.1997

■ 209.4820, 22.4404,
-10.9467

■ 0.0000, 0.0000,
0.0000

■ 234.5890, 10.0626,

-7.5326

■ 52.8180, 39.5297,
-32.2894

■ 52.8180, 39.5297,
-32.2894

■ 43.6480, 44.0505,
-35.6483

■ 61.9880, 35.0089,
-28.9305

■ 41.5770, 45.0715,
-36.4630

■ 71.4570, 30.3407,
-24.9568

■ 80.0400, 26.1093,
-21.0831

■ 89.2100, 21.5885,
-17.7242

■ 98.6790, 16.9203,
-13.7505

■ 107.8490, 12.3994,
-10.3916

■ 116.4320, 8.1680,
-6.5179

■ 125.6020, 3.6472,
-3.1590

■ 135.0710, -1.0210,
0.8147

Harmonies

Analogous

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



56.1210, 39.8733, -49.2181



52.8180, 39.5297, -32.2894



60.4900, 23.9154, 29.3883

Triad

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



52.8180, 39.5297, -32.2894



54.3210, -26.7803, 49.7075



50.0840, -1.0274, -43.9237

Complementary

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



52.8180, 39.5297, -32.2894



96.1820, -39.5297, 32.2894

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.



43.1930, -19.8151, -37.8803



52.8180, 39.5297, -32.2894



57.7000, -28.4461, 23.9421

Square

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



52.8180, 39.5297, -32.2894



45.5880, -4.7269, 69.6443



54.5780, -26.9070, -3.1379



55.1170, 15.7183, -48.3376

Rectangle

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



52.8180, 39.5297, -32.2894



52.5210, 16.9981, 54.7941



54.5780, -26.9070, -3.1379



47.9010, -6.8532, -42.0092

Sweetspot

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



52.8180, 39.5297, -32.2894



142.5220, 15.0257, -12.7358



93.3430, -0.6621, -67.8298



68.3610, 9.1890, -7.3326



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



52.8180, 39.5297, -32.2894



54.3550, 58.4920, -47.6693



34.7200, 48.4520, -0.6314



61.8580, 2.0420, -1.6295



40.6480, 44.0505, -35.6483



0.9290, 1.0210, -0.8147

Inverse Universe

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



55.5430, 0.2253, 67.9298



58.4530, 0.2697, 100.4577



114.2800, -48.4520, 0.6314



62.0220, -0.0108, 3.4887



43.8860, 0.0562, 75.5220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 52.8180, 39.5297, -32.2894 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 52.8180, 39.5297, -32.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

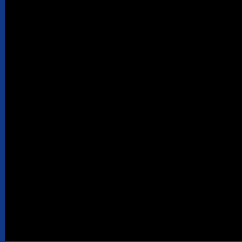
Any Text WCAG AA × Fail

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 52.8180, 39.5297, -32.2894 Background



This preview shows how black text looks on a background with the YUV color 52.8180, 39.5297, -32.2894.



This preview shows how white text looks on a background with the YUV color 52.8180, 39.5297,

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

52.8180, 39.5297, -32.2894

Protanopia

48.8830, 37.5257, -42.8704

Deuteranopia

49.1790, 28.5058, -43.1300



Tritanopia

48.1240, 11.7709, -42.2047

Trichromacy



Original Color

52.8180, 39.5297, -32.2894

Protanomaly

50.4320, 38.2410, -38.9669

Deuteranomaly

50.2380, 32.4207, -38.7967

Tritanomaly

50.0780, 21.6535, -38.6564

Monochromacy



Original Color

52.8180, 39.5297, -32.2894

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0060, 14.2940, -11.4063

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8180, 39.5297, -32.2894 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(16, 56, 133)` looks like.

```
.text, #text, p{  
    color:rgb(16, 56, 133)  
}
```

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(16, 56, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 56, 133) }
```

Border

The CSS property to change the border of an element to YUV 52.8180, 39.5297, -32.2894 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(16, 56, 133) }
```


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

```
.border{ border-color:rgb(16, 56, 133) }
```

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

Here you see how a box with a 4 pixel rgb(16, 56, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 56, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 56, 133);  
box-shadow:4px 4px 4px 4px rgb(16, 56,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 52.8180, 39.5297, -32.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 56, 133) }
```

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

```
.background{ background-color: rgb(16, 56,  
133) }
```

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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