

Converting Colors

YUV(33.7680, 32.1594, -1.5505)

Have a look what the booklet for
YUV(33.7680, 32.1594, -1.5505)
contains.

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Color

**YUV(33.7680, 32.1594,
-1.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	201663
RGB	32, 22, 99
RGB Percent	13%, 9%, 39%
CMY	0.8745, 0.9137, 0.6118
CMYK	0.68, 0.78, 0.00, 0.61
HSL	248°, 64%, 24%
HSV	248°, 78%, 39%
XYZ	3.1347, 1.7817, 11.9831
YIQ	33.7680, -18.7570, 26.0670

Conversions

Conversions Part 2

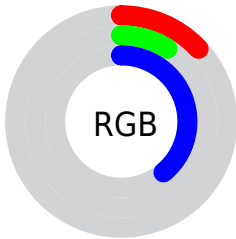
Format	Color
R_{YB}	32, 22, 99
Decimal	2102883
CIE _{Lab}	14.30, 29.75, -43.61
CIE _{LCh}	14, 52.790, 304.305
Yxy	1.7817, 0.1855, 0.1054
Android (android.graphics.Color)	4280292963 (0xFF201663)
YUV	33.7680, 32.1594, -1.5505
Hunter-Lab	13.3482, 18.5597, -43.8826




Details

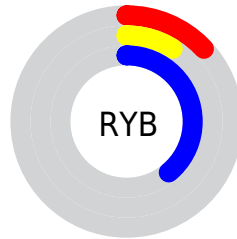
The YUV color **33.7680, 32.1594, -1.5505** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **87.2320, -32.1594, 1.5505**, and the grayscale version is **33.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **81.6700, 34.1797, 3.7974**, and **5.8140, 22.2767, -5.0989** is the 20% darker color. If you saturate the color by 10%, you get **25.2070, 36.3799, -1.9355**, and if you desaturate by 10%, it is **42.3290, 27.9388, -1.1655**.

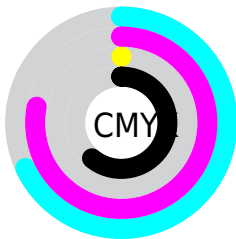
Distribution







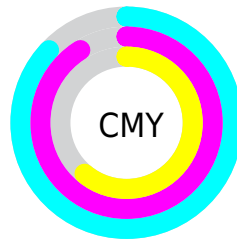
-  Red (13%)
-  Green (9%)
-  Blue (39%)






-  Red (13%)
-  Yellow (9%)
-  Blue (39%)



-  Cyan (68%)
-  Magenta (78%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (87%)
-  Magenta (91%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.7680, 32.1594, -1.5505 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 33.7680, 32.1594, -1.5505 by changing the saturation by 10% instead.

■ 33.7680, 32.1594,
-1.5505

■ 33.7680, 32.1594,
-1.5505

■ 252.6520, 1.1576,
2.0592

■ 8.5500, 32.7599,
-7.4984

■ 81.6700, 34.1797,
3.7974

■ 5.8140, 22.2767,
-5.0989

■ 106.9090, 35.0479,
5.3418

■ 4.4800, 12.0884,
-3.9290

■ 132.8490, 36.0634,
6.2714

■ 0.0000, 0.0000,
0.0000

■ 159.6750, 36.6422,
7.3010

■ 185.7030, 34.1634,
9.0305

■ 210.5110, 21.9331,

11.8299

235.9170, 9.4079,
15.8588

33.7680, 32.1594,
-1.5505

33.7680, 32.1594,
-1.5505

25.2070, 36.3799,
-1.9355

42.3290, 27.9388,
-1.1655

16.9450, 40.4531,
-1.7058

50.5910, 23.8656,
-1.3953

15.1730, 41.3267,
-1.9057

59.1520, 19.6451,
-1.0103

67.4140, 15.5719,
-1.2401

75.9750, 11.3513,
-0.8551

■ 83.9490, 7.4201,
0.0447

■ 92.2110, 3.3470,
-0.1850

■ 100.7720, -0.8736,
0.2000

■ 109.3330, -5.0942,
0.5850

Harmonies

Analogous

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



36.8350, 37.0563, -32.3043



33.7680, 32.1594, -1.5505



32.0850, 18.1991, 42.8985

Triad

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



33.7680, 32.1594, -1.5505



32.6700, -16.1063, 32.7384



34.0240, 3.4392, -29.8390

Complementary

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



33.7680, 32.1594, -1.5505



87.2320, -32.1594, 1.5505

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.



28.7630, -14.1802, -25.2252



33.7680, 32.1594, -1.5505



33.9780, -16.7512, 6.1583

Square

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



33.7680, 32.1594, -1.5505



26.9100, -13.2666, 55.3299



26.4150, -13.0226, -23.1660



38.2420, 19.6007, -33.5382

Rectangle

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



33.7680, 32.1594, -1.5505



33.2360, 5.7997, 53.2900



26.4150, -13.0226, -23.1660



32.5420, -2.2392, -28.5393

Sweetspot

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



33.7680, 32.1594, -1.5505



102.6160, 12.5143, -0.5402



70.6940, 13.9549, -42.7046



48.6500, 7.5676, -0.5700



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



33.7680, 32.1594, -1.5505



27.0510, 49.7679, -2.6757



44.8310, 26.7053, 21.1962



44.4560, 1.7472, -0.3999



17.2530, 46.7103, -1.9759



36.6290, 100.2619, -4.9366

Inverse Universe

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



52.6610, 17.9151, 40.6393



56.3230, 27.4488, 62.8607



76.1690, -26.7053, -21.1962



45.6520, 1.1576, 2.0592



44.6600, 26.2966, 59.0572



95.5860, 55.9131, 126.6511

Previews

White Background



This preview shows how the YUV color 33.7680, 32.1594, -1.5505 looks on a white background.

Color Contrast Check

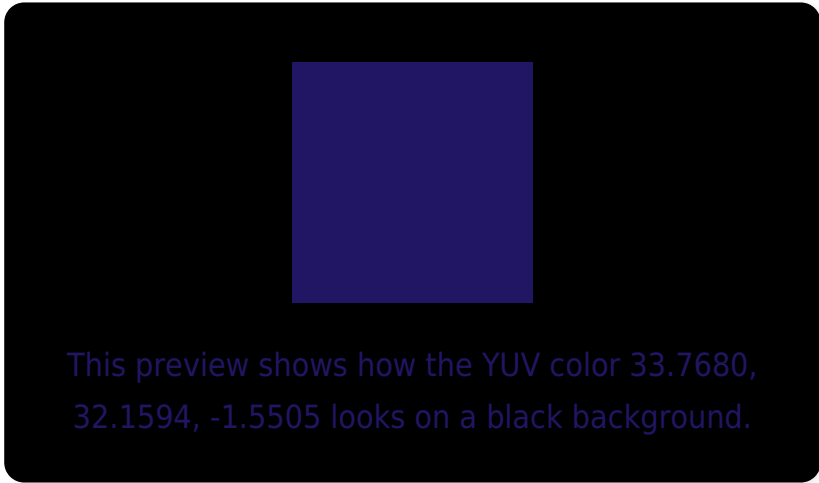
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7680, 32.1594, -1.5505

Background



This preview shows how black text looks on a background with the YUV color 33.7680, 32.1594, -1.5505.



This preview shows how white text looks on a background with the YUV color 33.7680, 32.1594,

-1.5505.

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

33.7680, 32.1594, -1.5505

Protanopia

29.7960, 22.7786, -26.1311

Deuteranopia

29.7160, 17.3950, -26.0609



Tritanopia

29.0830, 7.3541, -25.5058

Trichromacy



Original Color

33.7680, 32.1594, -1.5505

Protanomaly

31.3610, 25.9510, -16.9796

Deuteranomaly

31.1500, 22.6041, -16.7945

Tritanomaly

30.8420, 16.3469, -16.5244

Monochromacy



Original Color

33.7680, 32.1594, -1.5505

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0890, 11.7881, -0.9551

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.7680, 32.1594, -1.5505 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(32, 22, 99)` looks like.

```
.text, #text, p{  
    color:rgb(32, 22, 99)  
}
```

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(32, 22, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 22, 99) }
```

Border

The CSS property to change the border of an element to YUV 33.7680, 32.1594, -1.5505 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(32, 22, 99) }
```


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

```
.border{ border-color:rgb(32, 22, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 22, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 22, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 22, 99);  
box-shadow:4px 4px 4px 4px rgb(32, 22, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.7680, 32.1594, -1.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 22, 99) }
```

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

```
.background{ background-color: rgb(32, 22,  
99) }
```

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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