

Converting Colors

YUV(32.7140, 20.8470, 33.5768)

Have a look what the booklet for
YUV(32.7140, 20.8470, 33.5768)
contains.

YUV(32.7140, 20.8470, 33.5768)	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(32.7140, 20.8470,
33.5768)**

Conversions

Conversions Part 1

Format	Color
Hex	47054B
RGB	71, 5, 75
RGB Percent	28%, 2%, 29%
CMY	0.7216, 0.9804, 0.7059
CMYK	0.05, 0.93, 0.00, 0.71
HSL	297°, 88%, 16%
HSV	297°, 93%, 29%
XYZ	3.9228, 1.9561, 6.8274
YIQ	32.7140, 16.8660, 35.7620

Conversions

Conversions Part 2

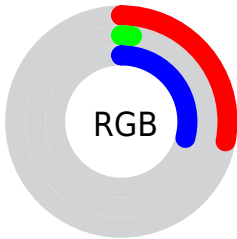
Format	Color
R_YB	71, 5, 75
Decimal	4654411
CIE Lab	15.26, 38.07, -25.57
CIE LCh	15, 45.859, 326.115
Yxy	1.9561, 0.3087, 0.1539
Android (android.graphics.Color)	4282844491 (0xFF47054B)
YUV	32.7140, 20.8470, 33.5768
Hunter-Lab	13.9862, 25.5893, -19.1524

Details

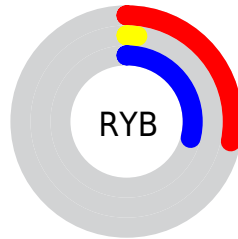
The YUV color **32.7140, 20.8470, 33.5768** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **47.2860, -20.8470, -33.5768**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.6600, 19.3946, 32.7472**, and **9.9980, 9.8610, 10.5258** is the 20% darker color. If you saturate the color by 10%, you get **29.7790, 22.2940, 36.1508**, and if you desaturate by 10%, it is **37.4100, 18.5319, 29.4584**.

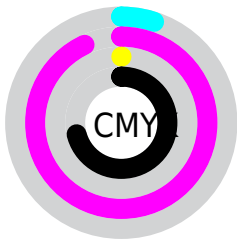
Distribution



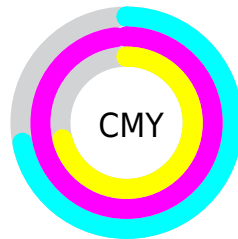
- Red (28%)
- Green (2%)
- Blue (29%)



- Red (28%)
- Yellow (2%)
- Blue (29%)



- Cyan (5%)
- Magenta (93%)
- Yellow (0%)
- Black (71%)



- Cyan (72%)
- Magenta (98%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.7140, 20.8470, 33.5768 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 32.7140, 20.8470, 33.5768 by changing the saturation by 10% instead.

■ 32.7140, 20.8470,
33.5768

■ 32.7140, 20.8470,
33.5768

■ 249.1300, 2.8939,
5.1480

■ 19.9810, 15.7854,
23.6957

■ 84.6600, 19.3946,
32.7472

■ 9.9980, 9.8610,
10.5258

■ 110.3720, 19.5366,
33.8768

■ 0.0000, 0.0000,
0.0000

■ 136.1980, 20.1154,
34.9064

■ 163.0240, 20.6942,
35.9360


■ 190.7360, 20.8362,
37.0655


■ 215.6710, 19.3892,


34.4915


 232.6940, 10.9969,
19.5624


 32.7140, 20.8470,
33.5768


 32.7140, 20.8470,
33.5768


 29.7790, 22.2940,
36.1508

 37.4100, 18.5319,
29.4584

 41.8180, 16.3587,
26.4696

 46.5140, 14.0436,
22.3512

 50.9220, 11.8705,
19.3624

 55.6180, 9.5553,
15.2440

■ 60.0260, 7.3822,
12.2552

■ 64.7220, 5.0671,
8.1368

■ 68.8310, 3.0413,
4.5332

■ 73.8260, 0.5788,
1.0296

Harmonies

Analogous

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



33.2450, 31.9242, -19.5089



32.7140, 20.8470, 33.5768



31.9260, 5.9525, 50.9309

Triad

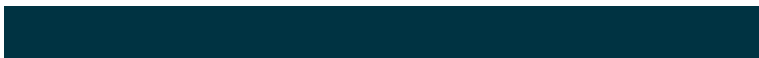
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.7140, 20.8470, 33.5768



36.6800, -18.0832, 13.4356



37.4610, 14.0697, -32.8533

Complementary

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



32.7140, 20.8470, 33.5768



47.2860, -20.8470, -33.5768

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.



33.6990, -0.3446, -29.5540



32.7140, 20.8470, 33.5768



31.8080, -15.6813, -10.3556

Square

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



32.7140, 20.8470, 33.5768



33.8770, -16.7014, 36.9419



28.7630, -14.1802, -25.2252



39.9520, 26.1527, -35.0379

Rectangle

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



32.7140, 20.8470, 33.5768



30.1300, -3.5151, 54.2600



28.7630, -14.1802, -25.2252



36.2070, 9.2649, -31.7535

Sweetspot

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



32.7140, 20.8470, 33.5768



80.5530, 8.1084, 12.6700



15.9150, 29.1289, -9.5725



38.6080, 4.6303, 8.2368



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



32.7140, 20.8470, 33.5768



38.2670, 28.9554, 46.2468



30.4900, 7.1534, 39.0353



35.6520, 1.1576, 2.0592



40.3320, 30.4023, 48.8208



90.8040, 68.6236, 109.7969

Inverse Universe

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



26.3860, -8.5713, 42.6345



29.6870, -11.6777, 59.0335



49.5100, -7.1534, -39.0353



35.3100, -0.1528, 2.3591



31.1820, -12.4147, 62.1074



70.2520, -28.2252, 140.0990

Previews

White Background



This preview shows how the YUV color 32.7140, 20.8470, 33.5768 looks on a white background.

Color Contrast Check

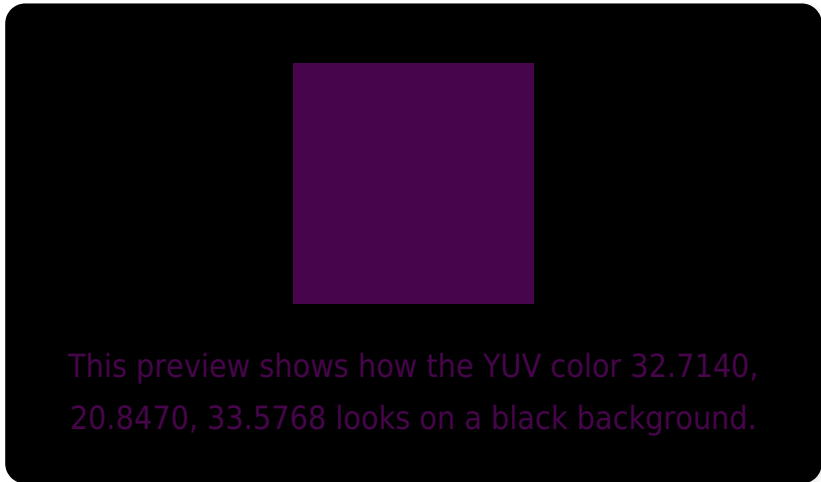
Large Text (above 18pt) WCAG AA ✓ Pass

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

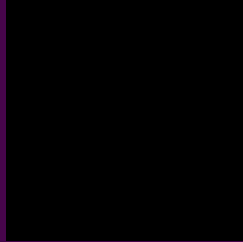
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.7140, 20.8470, 33.5768

Background



This preview shows how black text looks on a background with the YUV color 32.7140, 20.8470, 33.5768.



This preview shows how white text looks on a background with the YUV color 32.7140, 20.8470,

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

32.7140, 20.8470, 33.5768

Protanopia

33.1700, 25.5522, -29.0901

Deuteranopia

38.7280, 15.9101, -16.4245



Tritanopia

40.9920, -4.4331, 21.9320

Trichromacy



Original Color

32.7140, 20.8470, 33.5768

Protanomaly

32.8570, 23.7345, -6.0136

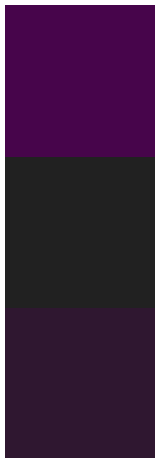
Deuteranomaly

36.8920, 17.3082, 1.8487

Tritanomaly

38.1310, 4.8654, 26.1951

Monochromacy



Original Color

32.7140, 20.8470, 33.5768

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.0260, 7.3822, 12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.7140, 20.8470, 33.5768 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(71, 5, 75)` looks like.

```
.text, #text, p{  
    color:rgb(71, 5, 75)  
}
```

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(71, 5, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 5, 75) }
```

Border

The CSS property to change the border of an element to YUV 32.7140, 20.8470, 33.5768 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(71, 5, 75) }
```


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

```
.border{ border-color:rgb(71, 5, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 5, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 5, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 5, 75); box-shadow:4px  
4px 4px 4px rgb(71, 5, 75) }
```

Background

The CSS property to change the background color of an element to YUV 32.7140, 20.8470, 33.5768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 5, 75) }
```

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

```
.background{ background-color: rgb(71, 5,  
75) }
```

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