

Converting Colors

YUV(32.5080, -0.2504, 33.7575)

Have a look what the booklet for
YUV(32.5080, -0.2504, 33.7575)
contains.

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Color

**YUV(32.5080, -0.2504,
33.7575)**

Conversions

Conversions Part 1

Format	Color
Hex	470D20
RGB	71, 13, 32
RGB Percent	28%, 5%, 13%
CMY	0.7216, 0.9490, 0.8745
CMYK	0.00, 0.82, 0.55, 0.72
HSL	340°, 69%, 16%
HSV	340°, 82%, 28%
XYZ	3.0032, 1.7317, 1.5425
YIQ	32.5080, 28.4690, 18.2050

Conversions

Conversions Part 2

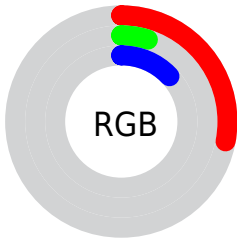
Format	Color
R_{YB}	71, 13, 32
Decimal	4656416
CIE _{Lab}	14.01, 28.71, 3.35
CIE _{LCh}	14, 28.906, 6.656
Yxy	1.7317, 0.4784, 0.2759
Android (android.graphics.Color)	4282846496 (0xFF470D20)
YUV	32.5080, -0.2504, 33.7575
Hunter-Lab	13.1595, 17.7069, 2.2621

Details

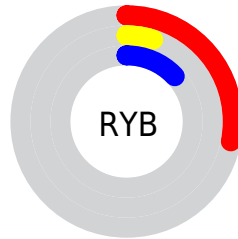
The YUV color **32.5080, -0.2504, 33.7575** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **51.4920, 0.2504, -33.7575**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.2480, -2.5873, 36.6165**, and **2.3920, -1.1793, 4.9182** is the 20% darker color. If you saturate the color by 10%, you get **27.8290, -0.4087, 37.8610**, and if you desaturate by 10%, it is **37.1870, -0.0922, 29.6540**.

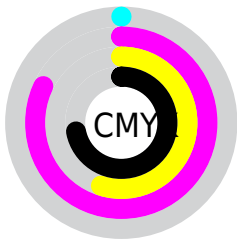
Distribution



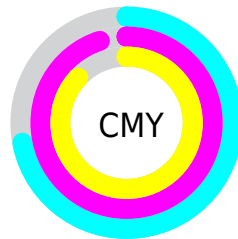
- Red (28%)
- Green (5%)
- Blue (13%)



- Red (28%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (82%)
- Yellow (55%)
- Black (72%)



- Cyan (72%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.5080, -0.2504, 33.7575 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 32.5080, -0.2504, 33.7575 by changing the saturation by 10% instead.

■ 32.5080, -0.2504,
33.7575

■ 32.5080, -0.2504,
33.7575

■ 249.7170, 2.6045,
4.6332

■ 15.2640, -3.5812,
28.7095

■ 81.2480, -2.5873,
36.6165

■ 2.3920, -1.1793,
4.9182

■ 106.1450, -3.0295,
38.4608

■ 0.0000, 0.0000,
0.0000

■ 131.6290, -3.7611,
39.7904

■ 158.5260, -4.2033,
41.6347


■ 185.5370, -4.2087,
43.3791


■ 211.0310, -3.4663,


38.5608


 230.6590, 0.6611,
21.3471

 32.5080, -0.2504,
33.7575


 32.5080, -0.2504,
33.7575


 27.8290, -0.4087,
37.8610


 37.1870, -0.0922,
29.6540

 23.8510, -0.4195,
41.3497

 41.8660, 0.0661,
25.5505

 46.4310, -0.2125,
21.5470

 51.1100, -0.0542,
17.4435

 56.3760, -0.1854,
12.8252

■ 61.0550, -0.0271,
8.7218

■ 65.6200, -0.3057,
4.7183

■ 70.2990, -0.1474,
0.6148

■ 74.9780, 0.0108,
-3.4887

Harmonies

Analogous

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



35.3310, 8.2178, 24.2657



32.5080, -0.2504, 33.7575



32.6250, -11.1541, 31.0239

Triad

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



32.5080, -0.2504, 33.7575



30.3460, -14.9606, -8.1964



32.9760, 19.7318, -28.9200

Complementary

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



32.5080, -0.2504, 33.7575



51.4920, 0.2504, -33.7575

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.



32.5540, 13.0379, -28.5499



32.5080, -0.2504, 33.7575



27.9940, -4.4340, -24.5507

Square

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



32.5080, -0.2504, 33.7575



33.6900, -16.6092, 7.2879



30.9750, 4.4493, -27.1651



30.3830, 22.4892, -26.6459

Rectangle

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



32.5080, -0.2504, 33.7575



33.2130, -16.3740, 25.2462



30.9750, 4.4493, -27.1651



33.1070, 17.6952, -29.0348

Sweetspot

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



32.5080, -0.2504, 33.7575



76.6750, -0.3328, 13.4400



31.2730, 19.5854, 18.1776



36.7560, 0.1203, 8.1070



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



32.5080, -0.2504, 33.7575



32.2160, -0.5995, 52.4306



36.2120, -11.4435, 30.5091



33.3100, -0.1528, 2.3591



33.3630, -0.1790, 57.5636



76.3090, -1.1383, 132.1560

Inverse Universe

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



32.5080, -0.2504, 33.7575



32.2160, -0.5995, 52.4306



47.7880, 11.4435, -30.5091



33.3100, -0.1528, 2.3591



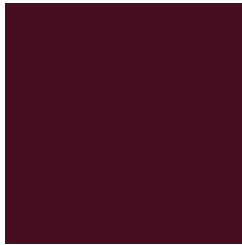
33.3630, -0.1790, 57.5636



76.3090, -1.1383, 132.1560

Previews

White Background



This preview shows how the YUV color 32.5080, -0.2504, 33.7575 looks on a white background.

Color Contrast Check

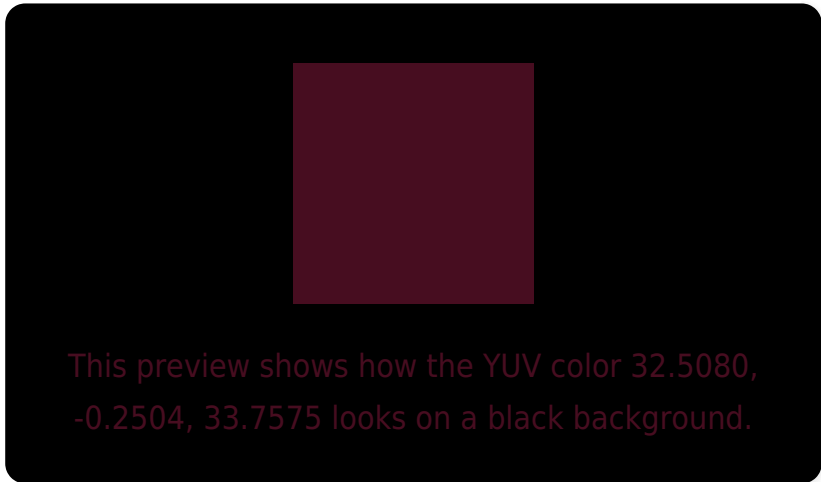
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5080, -0.2504, 33.7575

Background



This preview shows how black text looks on a background with the YUV color 32.5080, -0.2504, 33.7575.



This preview shows how white text looks on a background with the YUV color 32.5080, -0.2504,

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

32.5080, -0.2504, 33.7575

Protanopia

38.3850, 2.7682, -1.2146

Deuteranopia

37.5940, -4.2368, 5.6181



Tritanopia

32.8470, -7.8126, 32.5832

Trichromacy



Original Color

32.5080, -0.2504, 33.7575

Protanomaly

36.2340, 1.8566, 11.1958

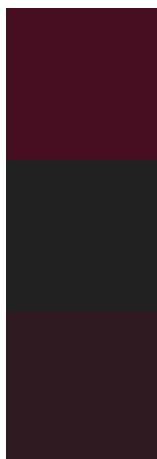
Deuteranomaly

36.0020, -2.9590, 15.7842

Tritanomaly

32.8300, -5.3392, 32.5981

Monochromacy



Original Color

32.5080, -0.2504, 33.7575

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.0770, -0.0380, 12.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.5080, -0.2504, 33.7575 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, 13, 32)` looks like.

```
.text, #text, p{  
    color:rgb(71, 13, 32)  
}
```

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, 13, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 13, 32) }
```

Border

The CSS property to change the border of an element to YUV 32.5080, -0.2504, 33.7575 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, 13, 32) }
```


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

```
.border{ border-color:rgb(71, 13, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 13, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 13, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 13, 32);  
box-shadow:4px 4px 4px 4px rgb(71, 13, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.5080, -0.2504, 33.7575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 13, 32) }
```

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

```
.background{ background-color: rgb(71, 13,  
32) }
```

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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