

Converting Colors

YUV(32.5530, -12.1046, 9.1620)

Have a look what the booklet for
YUV(32.5530, -12.1046, 9.1620)
contains.

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Color

**YUV(32.5530, -12.1046,
9.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2008
RGB	43, 32, 8
RGB Percent	17%, 13%, 3%
CMY	0.8314, 0.8745, 0.9686
CMYK	0.00, 0.26, 0.81, 0.83
HSL	41°, 69%, 10%
HSV	41°, 81%, 17%
XYZ	1.5566, 1.5641, 0.4496
YIQ	32.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

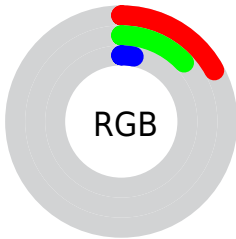
Format	Color
R_{YB}	24, 43, 8
Decimal	2826248
CIE _{Lab}	13.01, 1.93, 16.00
CIE _{LCh}	13, 16.117, 83.120
Y _{xy}	1.5641, 0.4360, 0.4381
Android (android.graphics.Color)	4281016328 (0xFF2B2008)
YUV	32.5530, -12.1046, 9.1620
Hunter-Lab	12.5066, 0.3300, 6.6232

Details

The YUV color **32.5530, -12.1046, 9.1620** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18.4470, 12.1046, -9.1620**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.1510, -12.3994, 10.3916**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.5100, -13.5624, 10.0767**, and if you desaturate by 10%, it is **33.5960, -10.6468, 8.2473**.

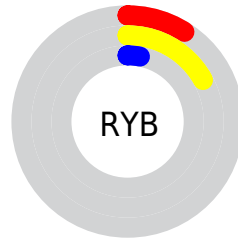
Distribution



Red (17%)

Green (13%)

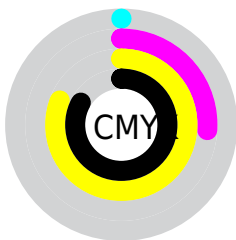
Blue (3%)



Red (9%)

Yellow (17%)

Blue (3%)

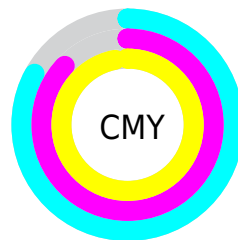


Cyan (0%)

Magenta (26%)

Yellow (81%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.5530, -12.1046, 9.1620 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 32.5530, -12.1046, 9.1620 by changing the saturation by 10% instead.

■ 32.5530, -12.1046,
9.1620

■ 32.5530, -12.1046,
9.1620

■ 252.4920, -9.6096,
2.1995

■ 10.9640, -5.4053,
7.0476

■ 77.1510, -12.3994,
10.3916

■ 0.0000, 0.0000,
0.0000

■ 101.3360,
-12.9836, 11.1063


■ 126.5210,
-13.5679, 11.8211


■ 152.1190,
-13.8627, 13.0506


■ 179.0050,
-14.2995, 13.1506


■ 206.6030,


-14.5943, 14.3802


 235.0760,
-15.3205, 13.9653


 32.5530, -12.1046,
9.1620


 32.5530, -12.1046,
9.1620


 31.5100, -13.5624,
10.0767


 33.5960, -10.6468,
8.2473

 29.8800, -14.7308,
11.5062

 35.3400, -9.0416,
6.7178

 36.3830, -7.5838,
5.8031

 37.4260, -6.1260,
4.8884

 39.1700, -4.5208,
3.3589

■ 40.2130, -3.0630,
2.4442

■ 41.2560, -1.6052,
1.5295

■ 42.8860, -0.4368,
0.1000

■ 44.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



33.3950, -9.0687, 15.4396



32.5530, -12.1046, 9.1620



31.8400, -10.7671, 0.1403

Triad

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



32.5530, -12.1046, 9.1620



27.6810, 7.0593, -24.2762



34.6620, 6.0826, 9.0664

Complementary

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



32.5530, -12.1046, 9.1620



18.4470, 12.1046, -9.1620

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.



33.9100, 9.9044, -3.4291



32.5530, -12.1046, 9.1620



28.1200, 11.2798, -24.6612

Square

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



32.5530, -12.1046, 9.1620



26.7260, 2.1071, -22.5617



29.3210, 13.1527, -18.6985



34.7400, 1.1142, 16.0140

Rectangle

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



32.5530, -12.1046, 9.1620



30.4200, -7.1091, -6.5073



29.3210, 13.1527, -18.6985



34.9820, 7.4039, 5.2778

Sweetspot

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



32.5530, -12.1046, 9.1620



52.1700, -4.5208, 3.3589



19.7190, -0.3545, 20.4174



25.3270, -2.6262, 2.3442



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



32.5530, -12.1046, 9.1620



39.7510, -19.1042, 14.2504



37.2160, -14.4035, -0.1894



19.7720, -0.8736, 0.2000



59.1620, -29.1669, 21.7829



148.5030, -73.2120, 55.6869

Inverse Universe

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



18.4470, 12.1046, -9.1620



17.2490, 19.1042, -14.2504



13.7840, 14.4035, 0.1894



18.8150, 0.5842, -0.7148



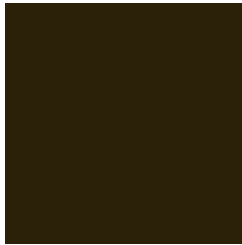
24.8380, 29.1669, -21.7829



63.4970, 73.2120, -55.6869

Previews

White Background



This preview shows how the YUV color 32.5530, -12.1046, 9.1620 looks on a white background.

Color Contrast Check

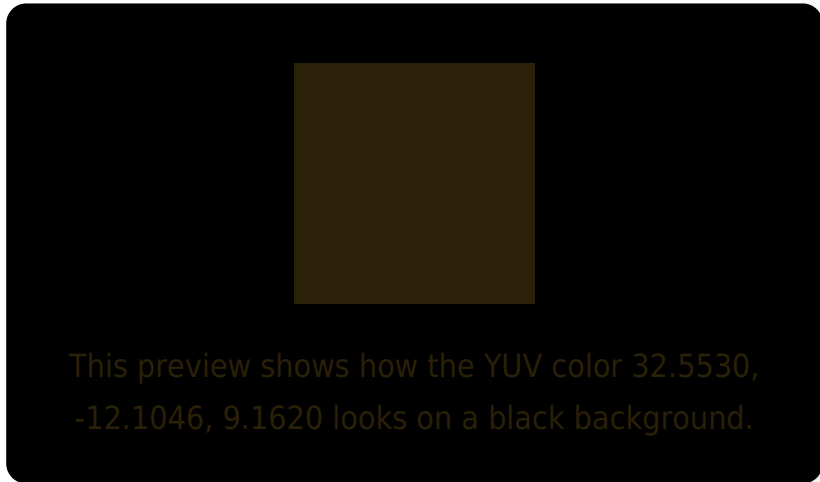
Large Text (above 18pt) WCAG AA ✓ Pass

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

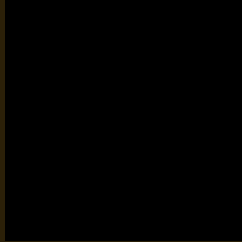
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.5530, -12.1046, 9.1620

Background



This preview shows how black text looks on a background with the YUV color 32.5530, -12.1046, 9.1620.

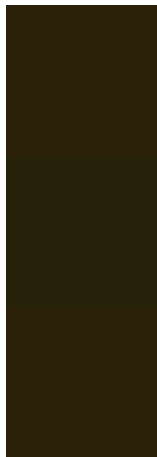


This preview shows how white text looks on a background with the YUV color 32.5530, -12.1046, 9.1620.

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

32.5530, -12.1046, 9.1620

Protanopia

32.3460, -11.5096, 4.9586

Deuteranopia

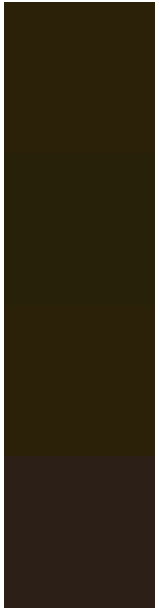
32.5530, -12.1046, 9.1620



Tritanopia

34.4140, -1.1901, 8.4069

Trichromacy



Original Color

32.5530, -12.1046, 9.1620

Protanomaly

32.3570, -11.5150, 6.7029

Deuteranomaly

32.5530, -12.1046, 9.1620

Tritanomaly

33.9750, -5.4107, 8.7919

Monochromacy



Original Color

32.5530, -12.1046, 9.1620

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.1700, -4.5208, 3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.5530, -12.1046, 9.1620 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(43, 32, 8)` looks like.

```
.text, #text, p{  
    color:rgb(43, 32, 8)  
}
```

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(43, 32, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 32, 8) }
```

Border

The CSS property to change the border of an element to YUV 32.5530, -12.1046, 9.1620 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(43, 32, 8) }
```


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

```
.border{ border-color:rgb(43, 32, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 32, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 32, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(43, 32, 8); box-shadow:4px  
4px 4px 4px rgb(43, 32, 8) }
```

Background

The CSS property to change the background color of an element to YUV 32.5530, -12.1046, 9.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 32, 8) }
```

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

```
.background{ background-color: rgb(43, 32,  
8) }
```

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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