

Converting Colors

YUV(32.5610, 9.0904, -22.4170)

Have a look what the booklet for
YUV(32.5610, 9.0904, -22.4170)
contains.

YUV(32.5610, 9.0904, -22.4170)	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(32.5610, 9.0904,
-22.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	072A33
RGB	7, 42, 51
RGB Percent	3%, 16%, 20%
CMY	0.9725, 0.8353, 0.8000
CMYK	0.86, 0.18, 0.00, 0.80
HSL	192°, 76%, 11%
HSV	192°, 86%, 20%
XYZ	1.5131, 1.9401, 3.4267
YIQ	32.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

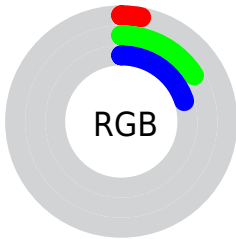
Format	Color
R_YB	7, 26, 51
Decimal	469555
CIE Lab	15.17, -8.57, -9.40
CIE LCh	15, 12.724, 227.650
Yxy	1.9401, 0.2199, 0.2820
Android (android.graphics.Color)	4278659635 (0xFF072A33)
YUV	32.5610, 9.0904, -22.4170
Hunter-Lab	13.9288, -4.9844, -4.8361

Details

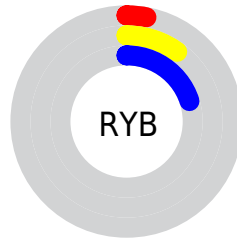
The YUV color **32.5610, 9.0904, -22.4170** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.4390, -9.0904, 22.4170**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.8710, 8.9376, -20.0579**, and **0.3420, 1.3104, -0.2999** is the 20% darker color. If you saturate the color by 10%, you get **30.4790, 10.1169, -24.9761**, and if you desaturate by 10%, it is **34.6430, 8.0640, -19.8579**.

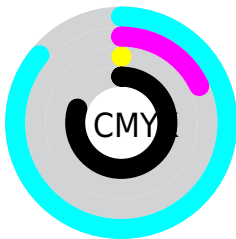
Distribution



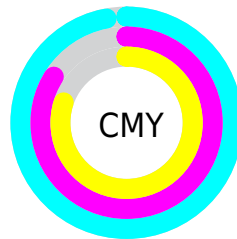
- Red (3%)
- Green (16%)
- Blue (20%)



- Red (3%)
- Yellow (10%)
- Blue (20%)



- Cyan (86%)
- Magenta (18%)
- Yellow (0%)
- Black (80%)



- Cyan (97%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.5610, 9.0904, -22.4170 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 32.5610, 9.0904, -22.4170 by changing the saturation by 10% instead.

■ 32.5610, 9.0904,
-22.4170

■ 32.5610, 9.0904,
-22.4170

■ 250.8140, 2.0637,
-8.6069

■ 16.3340, 6.7373,
-14.3249

■ 78.8710, 8.9376,
-20.0579

■ 0.3420, 1.3104,
-0.2999

■ 103.5720, 9.0850,
-20.6726

■ 0.0000, 0.0000,
0.0000

■ 128.6860, 9.5218,
-20.7726

■ 154.8000, 9.9586,
-20.8726

■ 182.3870, 9.6692,
-21.3874

■ 209.5010, 10.1060,

-21.4874

■ 237.7460, 8.5062,
-21.7022

■ 32.5610, 9.0904,
-22.4170

■ 32.5610, 9.0904,
-22.4170

■ 30.4790, 10.1169,
-24.9761

■ 34.6430, 8.0640,
-19.8579

■ 29.8810, 10.4117,
-26.2056

■ 36.7250, 7.0376,
-17.2988

■ 38.8070, 6.0111,
-14.7397

■ 40.8890, 4.9847,
-12.1807

■ 43.2700, 3.8109,
-9.0068

■ 45.3520, 2.7845,
-6.4477

■ 47.4340, 1.7580,
-3.8886

■ 49.5160, 0.7316,
-1.3295

■ 51.5980, -0.2948,
1.2296

Harmonies

Analogous

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



32.2360, 5.3067, -22.1320



32.5610, 9.0904, -22.4170



35.4310, 9.6475, -14.4100

Triad

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



32.5610, 9.0904, -22.4170



39.4190, 1.2724, 11.9105



36.9480, -7.8624, 1.7996

Complementary

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



32.5610, 9.0904, -22.4170



25.4390, -9.0904, 22.4170

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.



37.5790, -8.1734, 8.2622



32.5610, 9.0904, -22.4170



38.7030, -2.8116, 15.1695

Square

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



32.5610, 9.0904, -22.4170



39.4120, 5.2199, 5.7777



38.0680, -6.4425, 13.0954



35.7020, -4.7831, -5.8777

Rectangle

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



32.5610, 9.0904, -22.4170



37.3610, 9.1890, -7.3326



38.0680, -6.4425, 13.0954



37.1440, -8.4520, 4.2587

Sweetspot

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



32.5610, 9.0904, -22.4170



59.1560, 3.3741, -8.9068



33.8540, -8.8020, -23.5510



28.8360, 2.0529, -5.1182



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



32.5610, 9.0904, -22.4170



38.6350, 13.4909, -33.8829



19.6470, 15.4570, -11.0914



24.5160, 0.7316, -1.3295



51.8230, 18.3283, -45.4488



125.7020, 45.0099, -110.2407

Inverse Universe

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



24.1460, 8.8020, 23.5510



25.7760, 13.4214, 35.2764



38.3530, -15.4570, 11.0914



24.1250, 0.4314, 1.6444



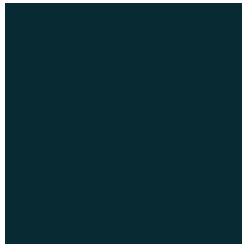
34.7050, 17.8934, 47.6167



84.4910, 43.1419, 116.2104

Previews

White Background



This preview shows how the YUV color 32.5610, 9.0904, -22.4170 looks on a white background.

Color Contrast Check

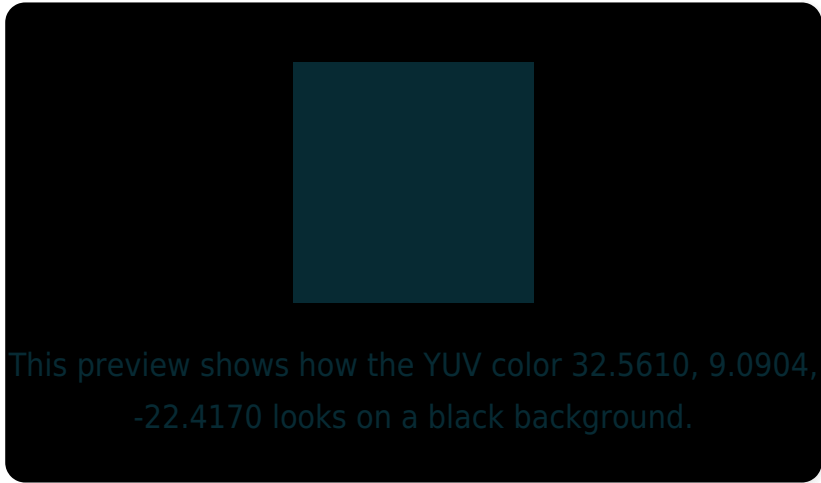
Large Text (above 18pt) WCAG AA ✓ Pass

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

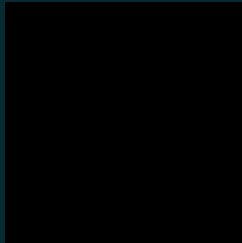
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

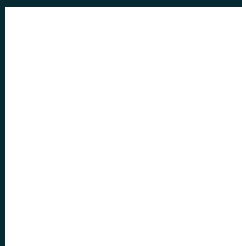
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 32.5610, 9.0904, -22.4170

Background



This preview shows how black text looks on a background with the YUV color 32.5610, 9.0904, -22.4170.



This preview shows how white text looks on a background with the YUV color 32.5610, 9.0904, -22.4170.

-22.4170.

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

32.5610, 9.0904, -22.4170

Protanopia

38.5420, 4.6628, -2.2293

Deuteranopia

38.4000, 6.7048, -3.8588



Tritanopia

30.4850, 7.6489, -26.7353

Trichromacy



Original Color

32.5610, 9.0904, -22.4170

Protanomaly

35.9540, 6.4317, -9.6067

Deuteranomaly

35.9970, 7.8895, -10.5214

Tritanomaly

31.6100, 8.0803, -25.0910

Monochromacy



Original Color

32.5610, 9.0904, -22.4170

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8680, 3.5161, -7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.5610, 9.0904, -22.4170 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(7, 42, 51)` looks like.

```
.text, #text, p{  
    color:rgb(7, 42, 51)  
}
```

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(7, 42, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 42, 51) }
```

Border

The CSS property to change the border of an element to YUV 32.5610, 9.0904, -22.4170 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(7, 42, 51) }
```


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

```
.border{ border-color:rgb(7, 42, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 42, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 42, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 42, 51); box-shadow:4px  
4px 4px 4px rgb(7, 42, 51) }
```

Background

The CSS property to change the background color of an element to YUV 32.5610, 9.0904, -22.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 42, 51) }
```

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

```
.background{ background-color: rgb(7, 42,  
51) }
```

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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