

Converting Colors

YUV(30.7560, -13.1907,
30.9090)

Have a look what the booklet for
YUV(30.7560, -13.1907, 30.9090)
contains.

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Color

**YUV(30.7560, -13.1907,
30.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	421204
RGB	66, 18, 4
RGB Percent	26%, 7%, 2%
CMY	0.7412, 0.9294, 0.9843
CMYK	0.00, 0.73, 0.94, 0.74
HSL	14°, 89%, 14%
HSV	14°, 94%, 26%
XYZ	2.4850, 1.5996, 0.2926
YIQ	30.7560, 33.1020, 5.8220

Conversions

Conversions Part 2

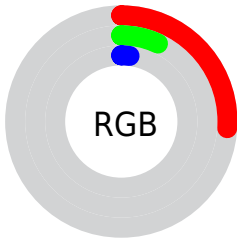
Format	Color
RYB	66, 22, 4
Decimal	4329988
CIELab	13.23, 22.42, 18.62
CIElCh	13, 29.142, 39.715
Yxy	1.5996, 0.5677, 0.3654
Android (android.graphics.Color)	4282520068 (0xFF421204)
YUV	30.7560, -13.1907, 30.9090
Hunter-Lab	12.6476, 12.9380, 7.4815

Details

The YUV color **30.7560, -13.1907, 30.9090** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **39.2440, 13.1907, -30.9090**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.9630, -13.7858, 35.1124**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.5390, -14.0697, 32.8533**, and if you desaturate by 10%, it is **34.4890, -11.5801, 27.6351**.

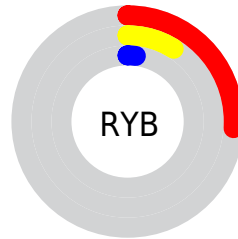
Distribution



Red (26%)

Green (7%)

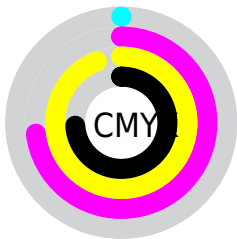
Blue (2%)



Red (26%)

Yellow (9%)

Blue (2%)

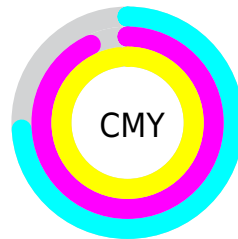


Cyan (0%)

Magenta (73%)

Yellow (94%)

Black (74%)



Cyan (74%)


Magenta (93%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 30.7560, -13.1907, 30.9090 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 30.7560, -13.1907, 30.9090 by changing the saturation by 10% instead.

 30.7560, -13.1907,
30.9090


 30.7560, -13.1907,
30.9090


 247.9270, -9.3310,
6.2030


 12.5580, -6.1911,
25.8206

 77.9630, -13.7858,
35.1124

 0.0000, 0.0000,
0.0000

 102.6320,
-15.1016, 37.1567


 128.4150,
-15.9806, 39.1010


 154.3120,
-16.4228, 40.9454


 181.7960,
-17.1544, 42.2749


 208.1980,


-16.8596, 41.0454


 227.7120,
-13.1690, 23.9316


 30.7560, -13.1907,
30.9090

 30.7560, -13.1907,
30.9090


 28.5390, -14.0697,
32.8533

 34.4890, -11.5801,
27.6351

 38.1080, -10.4062,
24.4613

 41.8410, -8.7956,
21.1874

 45.4600, -7.6218,
18.0136

 49.7800, -6.3005,
14.2249

■ 53.5130, -4.6899,
10.9511

■ 57.1320, -3.5161,
7.7772

■ 60.8650, -1.9054,
4.5034

■ 64.4840, -0.7316,
1.3295

Harmonies

Analogous

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



30.2800, -1.1240, 33.9574



30.7560, -13.1907, 30.9090



32.5820, -16.0629, 18.7836

Triad

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



30.7560, -13.1907, 30.9090



26.8200, -3.8553, -23.5211



28.3940, 22.4838, -24.9015

Complementary

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



30.7560, -13.1907, 30.9090



39.2440, 13.1907, -30.9090

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.



31.6880, 19.8738, -27.7904



30.7560, -13.1907, 30.9090



29.8010, 5.0281, -26.1355

Square

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



30.7560, -13.1907, 30.9090



28.5630, -14.0816, -10.1408



32.0810, 13.7641, -28.1350



34.9420, 14.8186, 7.0669

Rectangle

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



30.7560, -13.1907, 30.9090



32.5270, -16.0358, 10.0618



32.0810, 13.7641, -28.1350



30.2690, 22.0524, -26.5459

Sweetspot

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



30.7560, -13.1907, 30.9090



72.9970, -5.4215, 12.2806



28.1240, 12.2639, 33.2173



34.9470, -2.9319, 7.0625



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



30.7560, -13.1907, 30.9090



37.7530, -18.6122, 43.1896



48.3660, -21.8724, 15.4650



31.4840, -0.7316, 1.3295



41.9170, -20.6651, 48.3078



96.9130, -47.7781, 111.4553

Inverse Universe

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



39.2440, 13.1907, -30.9090



49.2470, 18.6122, -43.1896



21.6340, 21.8724, -15.4650



31.5160, 0.7316, -1.3295



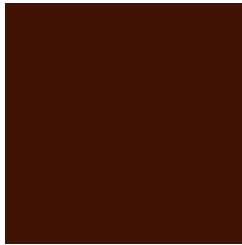
55.0830, 20.6651, -48.3078



127.6740, 47.4887, -111.9701

Previews

White Background



This preview shows how the YUV color 30.7560, -13.1907, 30.9090 looks on a white background.

Color Contrast Check

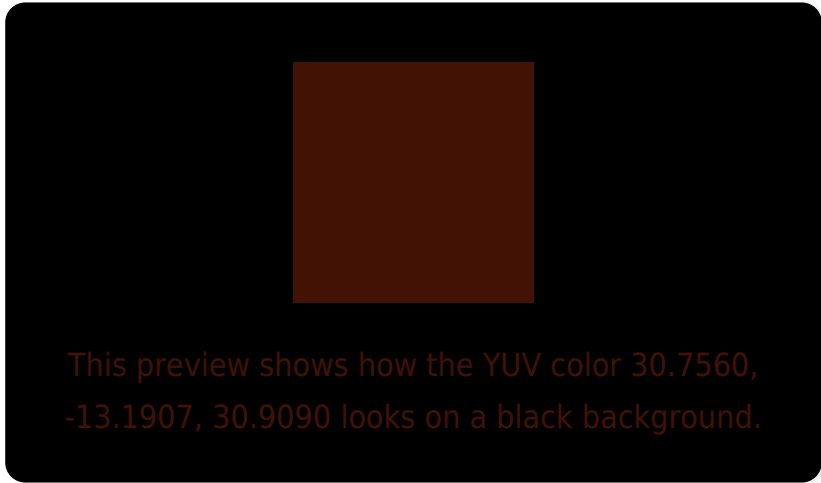
Large Text (above 18pt) WCAG AA ✓ Pass

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

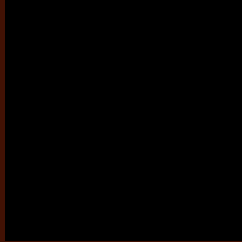
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.7560, -13.1907, 30.9090

Background



This preview shows how black text looks on a background with the YUV color 30.7560, -13.1907, 30.9090.

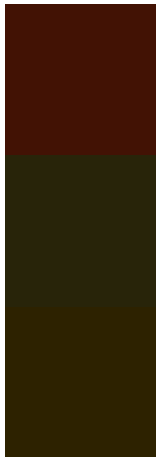


This preview shows how white text looks on a background with the YUV color 30.7560, -13.1907,

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

30.7560, -13.1907, 30.9090

Protanopia

34.1180, -12.3832, 5.1585

Deuteranopia

33.4130, -16.4726, 10.1618



Tritanopia

31.6510, -7.2229, 30.1241

Trichromacy



Original Color

30.7560, -13.1907, 30.9090

Protanomaly

32.4720, -12.5577, 14.4951

Deuteranomaly

32.3970, -15.4787, 18.0688

Tritanomaly

31.0810, -9.4069, 30.6240

Monochromacy



Original Color

30.7560, -13.1907, 30.9090

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.8120, -4.8373, 11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.7560, -13.1907, 30.9090 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(66, 18, 4)` looks like.

```
.text, #text, p{  
    color:rgb(66, 18, 4)  
}
```

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(66, 18, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 18, 4) }
```

Border

The CSS property to change the border of an element to YUV 30.7560, -13.1907, 30.9090 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(66, 18, 4) }
```


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

```
.border{ border-color:rgb(66, 18, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 18, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 18, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 18, 4); box-shadow:4px  
4px 4px 4px rgb(66, 18, 4) }
```

Background

The CSS property to change the background color of an element to YUV 30.7560, -13.1907, 30.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 18, 4) }
```

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

```
.background{ background-color: rgb(66, 18,  
4) }
```

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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