

Converting Colors

YUV(28.1610, -7.4744, 17.3988)

Have a look what the booklet for
YUV(28.1610, -7.4744, 17.3988)
contains.

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Color

**YUV(28.1610, -7.4744,
17.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	30150D
RGB	48, 21, 13
RGB Percent	19%, 8%, 5%
CMY	0.8118, 0.9176, 0.9490
CMYK	0.00, 0.56, 0.73, 0.81
HSL	14°, 57%, 12%
HSV	14°, 73%, 19%
XYZ	1.5597, 1.1938, 0.5290
YIQ	28.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

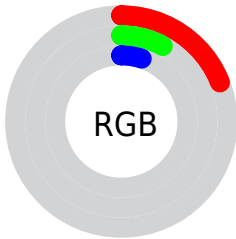
Format	Color
RYB	48, 23, 13
Decimal	3151117
CIELab	10.51, 12.79, 10.56
CIELCh	11, 16.581, 39.543
Yxy	1.1938, 0.4752, 0.3637
Android (android.graphics.Color)	4281341197 (0xFF30150D)
YUV	28.1610, -7.4744, 17.3988
Hunter-Lab	10.9260, 6.3613, 4.7776

Details

The YUV color **28.1610, -7.4744, 17.3988** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.8390, 7.4744, -17.3988**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6560, -8.2114, 20.4727**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.2430, -8.5008, 19.9579**, and if you desaturate by 10%, it is **31.0790, -6.4479, 14.8397**.

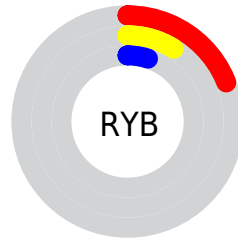
Distribution



Red (19%)

Green (8%)

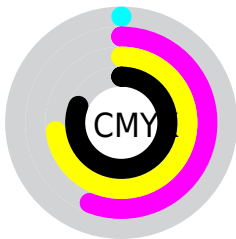
Blue (5%)



Red (19%)

Yellow (9%)

Blue (5%)

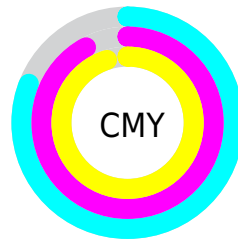


Cyan (0%)

Magenta (56%)

Yellow (73%)

Black (81%)



Cyan (81%)

Magenta (92%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.1610, -7.4744, 17.3988 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 28.1610, -7.4744, 17.3988 by changing the saturation by 10% instead.

■ 28.1610, -7.4744,
17.3988

■ 28.1610, -7.4744,
17.3988

■ 248.2520, -5.5472,
5.9180

■ 8.0730, -3.9800,
16.5990

■ 72.6560, -8.2114,
20.4727

■ 0.0000, 0.0000,
0.0000

■ 97.1400, -8.9430,
21.8022


■ 121.7380, -9.2378,
23.0318


■ 147.9230, -9.8220,
23.7465


■ 174.5210,
-10.1169, 24.9761


■ 201.8200,


-10.2643, 25.5909


 228.5100,
-10.1114, 23.2317


 28.1610, -7.4744,
17.3988


 28.1610, -7.4744,
17.3988


 25.2430, -8.5008,
19.9579


 31.0790, -6.4479,
14.8397


 22.9120, -9.8166,
22.0022

 33.4100, -5.1321,
12.7954

 20.8090, -10.2588,
23.8465

 36.2140, -4.5425,
10.3363

 39.1320, -3.5161,
7.7772

 42.0500, -2.4896,
5.2182

■ 44.3810, -1.1738,
3.1739

■ 47.2990, -0.1474,
0.6148

■ 50.1030, 0.4422,
-1.8443

■ 52.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



28.6540, -1.8014, 17.8434



28.1610, -7.4744, 17.3988



27.3470, -12.9891, 12.8507

Triad

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



28.1610, -7.4744, 17.3988



23.1350, -1.5456, -17.6584



26.7350, 11.9626, -10.2916

Complementary

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



28.1610, -7.4744, 17.3988



32.8390, 7.4744, -17.3988

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.



24.3700, 12.1426, -21.3725



28.1610, -7.4744, 17.3988



23.6060, 4.1382, -20.7025

Square

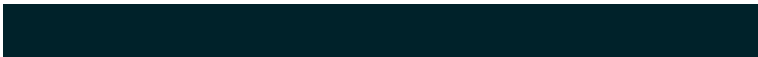
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.1610, -7.4744, 17.3988



25.8610, -9.2985, -4.2631



24.7460, 8.5062, -21.7022



29.4980, 8.1355, 3.9483

Rectangle

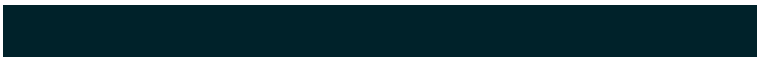
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.1610, -7.4744, 17.3988



27.2000, -13.4096, 7.7176



24.7460, 8.5062, -21.7022



25.2180, 12.7105, -16.8542

Sweetspot

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



28.1610, -7.4744, 17.3988



53.6480, -2.7845, 6.4477



26.5430, 6.6343, 18.8178



25.9790, -1.4686, 4.4034



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



28.1610, -7.4744, 17.3988



30.7770, -11.7221, 26.5056



38.1400, -12.3940, 8.6472



21.5980, -0.2948, 1.2296



37.7530, -18.6122, 43.1896



92.7490, -45.7253, 106.3371

Inverse Universe

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



32.8390, 7.4744, -17.3988



37.8100, 11.4327, -27.0204



22.8600, 12.3940, -8.6472



21.8150, 0.5842, -0.7148



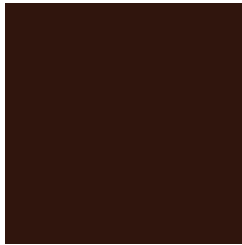
49.2470, 18.6122, -43.1896



121.2510, 45.7253, -106.3371

Previews

White Background



This preview shows how the YUV color 28.1610, -7.4744, 17.3988 looks on a white background.

Color Contrast Check

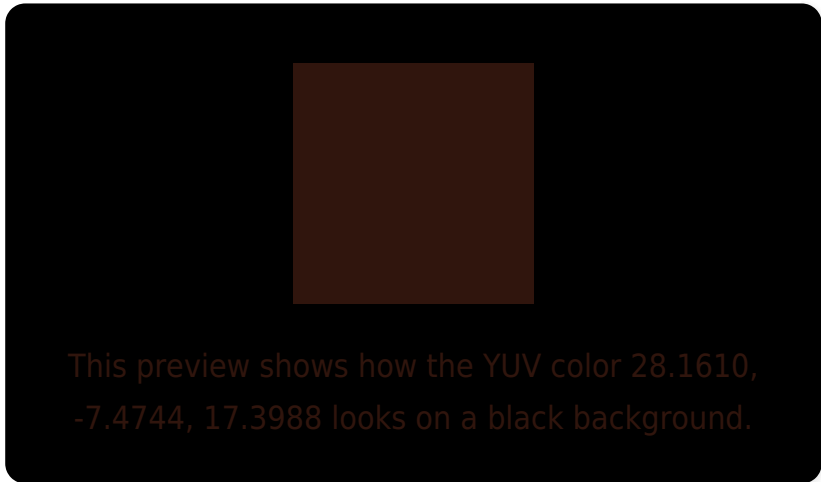
Large Text (above 18pt) WCAG AA ✓ Pass

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

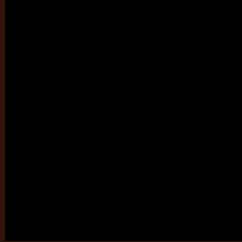
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.1610, -7.4744, 17.3988

Background



This preview shows how black text looks on a background with the YUV color 28.1610, -7.4744, 17.3988.



This preview shows how white text looks on a background with the YUV color 28.1610, -7.4744,

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

28.1610, -7.4744, 17.3988

Protanopia

28.4150, -6.1206, 3.1440

Deuteranopia

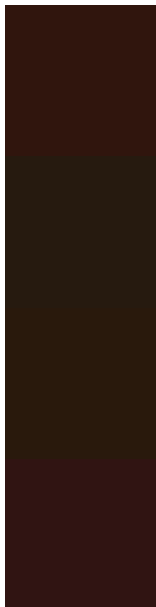
28.7530, -8.7522, 7.2326



Tritanopia

28.4860, -3.6906, 17.1138

Trichromacy



Original Color

28.1610, -7.4744, 17.3988

Protanomaly

28.3340, -6.5737, 8.4771

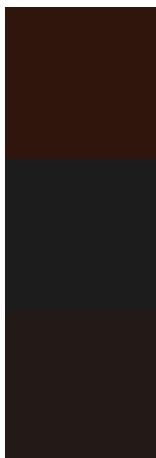
Deuteranomaly

28.3020, -8.0369, 11.1361

Tritanomaly

28.1440, -5.0010, 17.4137

Monochromacy



Original Color

28.1610, -7.4744, 17.3988

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.1610, -7.4744, 17.3988 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(48, 21, 13)` looks like.

```
.text, #text, p{  
    color:rgb(48, 21, 13)  
}
```

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(48, 21, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 21, 13) }
```

Border

The CSS property to change the border of an element to YUV 28.1610, -7.4744, 17.3988 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(48, 21, 13) }
```


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

```
.border{ border-color:rgb(48, 21, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 21, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 21, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 21, 13);  
box-shadow:4px 4px 4px 4px rgb(48, 21, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.1610, -7.4744, 17.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 21, 13) }
```

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

```
.background{ background-color: rgb(48, 21,  
13) }
```

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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