

Converting Colors

YUV(28.1230, -6.4696, 21.8171)

Have a look what the booklet for
YUV(28.1230, -6.4696, 21.8171)
contains.

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Color

**YUV(28.1230, -6.4696,
21.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	35120F
RGB	53, 18, 15
RGB Percent	21%, 7%, 6%
CMY	0.7922, 0.9294, 0.9412
CMYK	0.00, 0.66, 0.72, 0.79
HSL	5°, 56%, 13%
HSV	5°, 72%, 21%
XYZ	1.7707, 1.2240, 0.5949
YIQ	28.1230, 21.8230, 6.4870

Conversions

Conversions Part 2

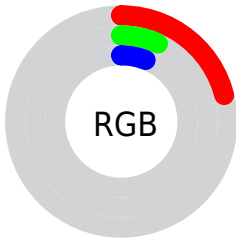
Format	Color
R_{YB}	53, 18, 15
Decimal	3478031
CIE Lab	10.73, 17.32, 10.00
CIE LCh	11, 19.997, 29.994
Yxy	1.2240, 0.4933, 0.3410
Android (android.graphics.Color)	4281668111 (0xFF35120F)
YUV	28.1230, -6.4696, 21.8171
Hunter-Lab	11.0634, 9.2085, 4.5564

Details

The YUV color **28.1230, -6.4696, 21.8171** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **39.8770, 6.4696, -21.8171**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.5040, -7.6435, 24.9910**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.6180, -7.2067, 24.8910**, and if you desaturate by 10%, it is **31.6280, -5.7326, 18.7432**.

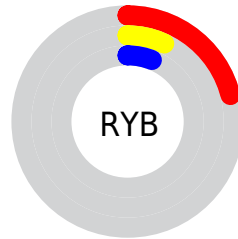
Distribution



Red (21%)

Green (7%)

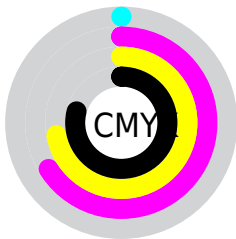
Blue (6%)



Red (21%)

Yellow (7%)

Blue (6%)

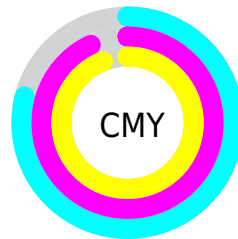


Cyan (0%)

Magenta (66%)

Yellow (72%)

Black (79%)



Cyan (79%)

Magenta (93%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.1230, -6.4696, 21.8171 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 28.1230, -6.4696, 21.8171 by changing the saturation by 10% instead.

■ 28.1230, -6.4696,
21.8171

■ 28.1230, -6.4696,
21.8171

■ 247.1920, -4.5317,
6.8476

■ 9.8670, -4.8644,
20.2876

■ 73.5040, -7.6435,
24.9910

■ 0.0000, 0.0000,
0.0000

■ 97.2870, -8.5225,
26.9353

■ 122.8850, -8.8173,
28.1649

■ 148.4830, -9.1121,
29.3944

■ 175.0810, -9.4069,
30.6240

■ 203.2660, -9.9911,

31.3387

■ 226.9770, -8.3697,
24.5762

■ 28.1230, -6.4696,
21.8171

■ 28.1230, -6.4696,
21.8171

■ 24.6180, -7.2067,
24.8910

■ 31.6280, -5.7326,
18.7432

■ 20.9990, -8.3805,
28.0649

■ 35.2470, -4.5588,
15.5694

■ 18.1950, -8.9701,
30.5240

■ 38.7520, -3.8217,
12.4955

■ 42.2570, -3.0847,
9.4216

■ 45.2890, -1.6215,
6.7625

■ 48.7940, -0.8844,
3.6887

■ 52.2990, -0.1474,
0.6148

■ 55.8040, 0.5896,
-2.4591

■ 59.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



28.6590, 0.6611, 21.3471



28.1230, -6.4696, 21.8171



27.8530, -13.7315, 17.6689

Triad

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



28.1230, -6.4696, 21.8171



22.6360, -4.7505, -16.3438



23.9940, 15.7790, -21.0427

Complementary

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



28.1230, -6.4696, 21.8171



39.8770, 6.4696, -21.8171

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.



25.8860, 12.8742, -22.7020



28.1230, -6.4696, 21.8171



24.3240, 1.8123, -21.3321

Square

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



28.1230, -6.4696, 21.8171



26.2590, -12.9457, -1.1041



25.3330, 8.2168, -22.2170



29.3880, 11.6407, -0.3403

Rectangle

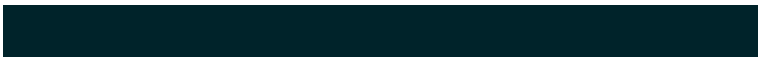
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.1230, -6.4696, 21.8171



27.5210, -13.5679, 11.8211



25.3330, 8.2168, -22.2170



25.1680, 15.2002, -22.0723

Sweetspot

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



28.1230, -6.4696, 21.8171



59.0720, -2.5005, 8.7069



30.3520, 9.6865, 19.8623



29.5770, -1.7635, 5.6330



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



28.1230, -6.4696, 21.8171



29.9890, -9.8546, 34.2126



39.2760, -11.9681, 12.0359



23.8970, -0.4422, 1.8443



30.7200, -15.1450, 51.1116



74.8620, -36.9070, 124.6550

Inverse Universe

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



39.8770, 6.4696, -21.8171



48.4240, 10.1440, -33.6978



28.7240, 11.9681, -12.0359



24.5160, 0.7316, -1.3295



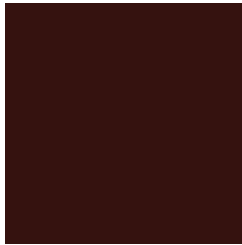
58.2800, 15.1450, -51.1116



142.1380, 36.9070, -124.6550

Previews

White Background



This preview shows how the YUV color 28.1230, -6.4696, 21.8171 looks on a white background.

Color Contrast Check

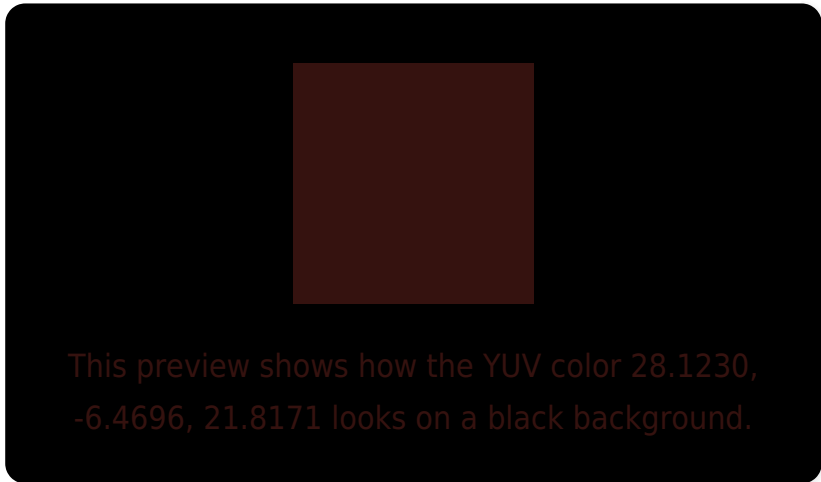
Large Text (above 18pt) WCAG AA ✓ Pass

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

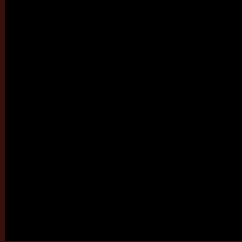
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.1230, -6.4696, 21.8171

Background



This preview shows how black text looks on a background with the YUV color 28.1230, -6.4696, 21.8171.

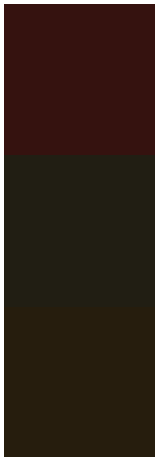


This preview shows how white text looks on a background with the YUV color 28.1230, -6.4696,

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

28.1230, -6.4696, 21.8171

Protanopia

29.6430, -5.2470, 2.9441

Deuteranopia

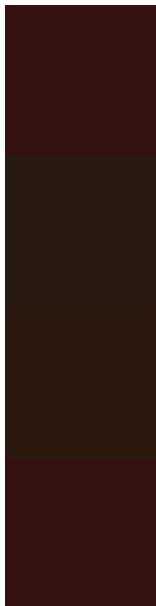
29.8670, -8.3154, 7.1326



Tritanopia

28.4650, -5.1592, 21.5172

Trichromacy



Original Color

28.1230, -6.4696, 21.8171

Protanomaly

29.2740, -5.5581, 9.4067

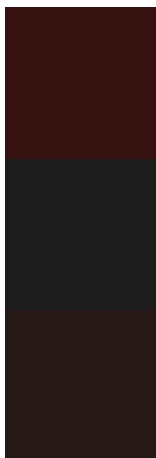
Deuteranomaly

29.1280, -7.4581, 12.1657

Tritanomaly

28.3510, -5.5960, 21.6172

Monochromacy



Original Color

28.1230, -6.4696, 21.8171

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.7730, -2.3531, 8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.1230, -6.4696, 21.8171 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(53, 18, 15)` looks like.

```
.text, #text, p{  
    color:rgb(53, 18, 15)  
}
```

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(53, 18, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 18, 15) }
```

Border

The CSS property to change the border of an element to YUV 28.1230, -6.4696, 21.8171 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(53, 18, 15) }
```


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

```
.border{ border-color:rgb(53, 18, 15) }
```

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

Here you see how a box with a 4 pixel rgb(53, 18, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 18, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 18, 15);  
box-shadow:4px 4px 4px 4px rgb(53, 18, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.1230, -6.4696, 21.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 18, 15) }
```

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

```
.background{ background-color: rgb(53, 18,  
15) }
```

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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