

Converting Colors

YUV(24.2800, -4.5750, 20.8024)

Have a look what the booklet for
YUV(24.2800, -4.5750, 20.8024)
contains.

YUV(24.2800, -4.5750, 20.8024)	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(24.2800, -4.5750,
20.8024)**

Conversions

Conversions Part 1

Format	Color
Hex	300E0F
RGB	48, 14, 15
RGB Percent	19%, 5%, 6%
CMY	0.8118, 0.9451, 0.9412
CMYK	0.00, 0.71, 0.69, 0.81
HSL	358°, 55%, 12%
HSV	358°, 71%, 19%
XYZ	1.4622, 0.9769, 0.5634
YIQ	24.2800, 19.9430, 7.5190

Conversions

Conversions Part 2

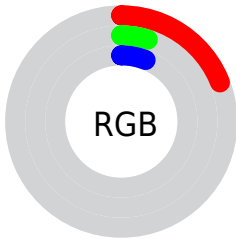
Format	Color
RYB	48, 14, 15
Decimal	3149327
CIELab	8.80, 17.47, 7.11
CIELCh	9, 18.858, 22.149
Yxy	0.9769, 0.4870, 0.3254
Android (android.graphics.Color)	4281339407 (0xFF300E0F)
YUV	24.2800, -4.5750, 20.8024
Hunter-Lab	9.8840, 9.1091, 3.5390

Details

The YUV color **24.2800, -4.5750, 20.8024** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **37.7200, 4.5750, -20.8024**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.7750, -5.3121, 23.8763**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.7750, -5.3121, 23.8763**, and if you desaturate by 10%, it is **27.7850, -3.8380, 17.7286**.

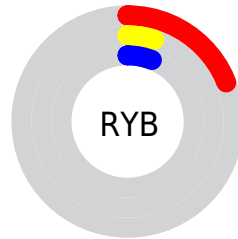
Distribution



Red (19%)

Green (5%)

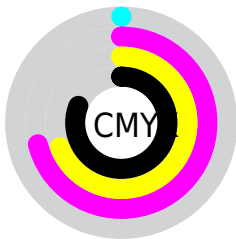
Blue (6%)



Red (19%)

Yellow (5%)

Blue (6%)

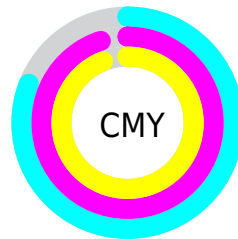


Cyan (0%)

Magenta (71%)

Yellow (69%)

Black (81%)



Cyan (81%)

Magenta (95%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.2800, -4.5750, 20.8024 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 24.2800, -4.5750, 20.8024 by changing the saturation by 10% instead.

■ 24.2800, -4.5750,
20.8024

■ 24.2800, -4.5750,
20.8024

■ 243.6700, -2.7953,
9.9364

■ 7.5890, -3.2484,
15.2694

■ 68.7750, -5.3121,
23.8763

■ 0.0000, 0.0000,
0.0000

■ 93.2590, -6.0437,
25.2059

■ 118.1560, -6.4859,
27.0502

■ 143.7540, -6.7807,
28.2797

■ 170.3520, -7.0755,
29.5093

■ 197.6510, -7.2229,

30.1241

■ 224.0420, -6.9227,
27.1502

■ 24.2800, -4.5750,
20.8024

■ 24.2800, -4.5750,
20.8024

■ 20.7750, -5.3121,
23.8763

■ 27.7850, -3.8380,
17.7286

■ 17.3840, -5.6123,
26.8502

■ 31.1760, -3.5378,
14.7546

■ 14.4660, -6.6387,
29.4093

■ 34.0940, -2.5113,
12.1956

■ 37.5990, -1.7743,
9.1217

■ 40.9900, -1.4741,
6.1478

■ 44.4950, -0.7370,
3.0739

■ 48.0000, 0.0000,
0.0000

■ 50.8040, 0.5896,
-2.4591

■ 54.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



25.2780, 1.8349, 18.1732



24.2800, -4.5750, 20.8024



24.0210, -11.8424, 18.3986

Triad

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



24.2800, -4.5750, 20.8024



19.7460, -8.2558, -12.0552



21.5490, 14.0263, -18.8985

Complementary

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



24.2800, -4.5750, 20.8024



37.7200, 4.5750, -20.8024

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.



22.7400, 10.9742, -19.9430



24.2800, -4.5750, 20.8024



21.1780, -0.0878, -18.5731

Square

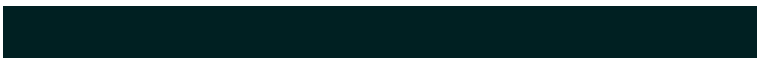
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.2800, -4.5750, 20.8024



23.0250, -11.3513, 0.8551



22.6600, 5.5906, -19.8728



24.6540, 11.5096, -4.9586

Rectangle

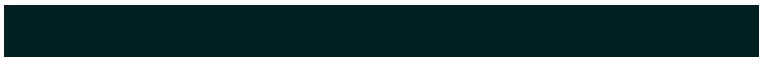
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.2800, -4.5750, 20.8024



24.5750, -12.1155, 12.6507



22.6600, 5.5906, -19.8728



22.6090, 13.0108, -19.8281

Sweetspot

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



24.2800, -4.5750, 20.8024



52.0010, -1.4795, 7.8921



27.7430, 9.9867, 16.8884



25.3920, -1.1793, 4.9182



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.



24.2800, -4.5750, 20.8024



24.7760, -6.7916, 31.7684



33.5580, -9.6421, 12.6656



21.5980, -0.2948, 1.2296



26.3550, -11.5140, 53.1857



64.6700, -28.9243, 130.9624

Inverse Universe

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



24.2800, -4.5750, 20.8024



24.7760, -6.7916, 31.7684



28.4420, 9.6421, -12.6656



21.5980, -0.2948, 1.2296



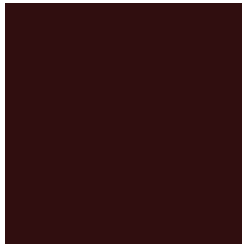
26.3550, -11.5140, 53.1857



64.6700, -28.9243, 130.9624

Previews

White Background



This preview shows how the YUV color 24.2800, -4.5750, 20.8024 looks on a white background.

Color Contrast Check

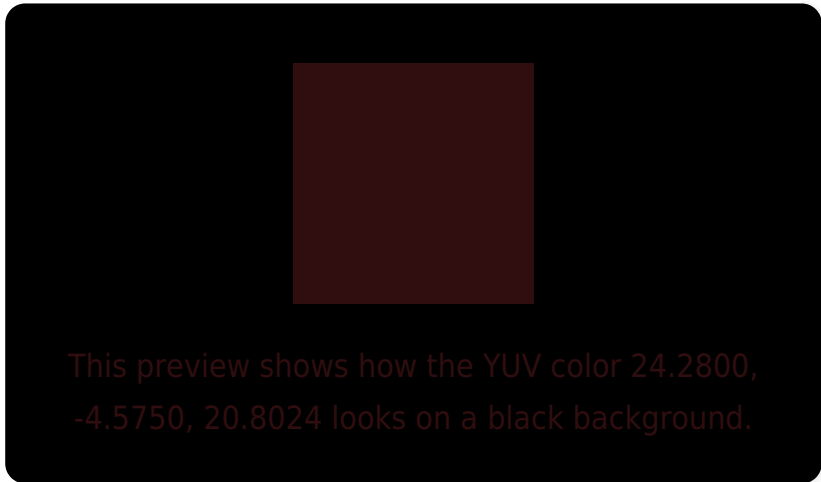
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2800, -4.5750, 20.8024

Background



This preview shows how black text looks on a background with the YUV color 24.2800, -4.5750, 20.8024.



This preview shows how white text looks on a background with the YUV color 24.2800, -4.5750,

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

24.2800, -4.5750, 20.8024

Protanopia

26.8000, -3.3524, 1.9294

Deuteranopia

26.0240, -6.4208, 6.1180



Tritanopia

24.2800, -4.5750, 20.8024

Trichromacy



Original Color

24.2800, -4.5750, 20.8024

Protanomaly

25.7300, -3.8109, 9.0068

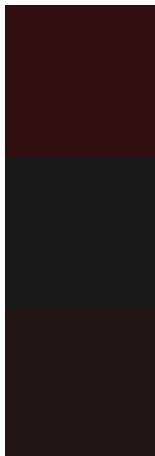
Deuteranomaly

25.2850, -5.5635, 11.1511

Tritanomaly

24.2800, -4.5750, 20.8024

Monochromacy



Original Color

24.2800, -4.5750, 20.8024

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.0010, -1.4795, 7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.2800, -4.5750, 20.8024 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, 14, 15)` looks like.

```
.text, #text, p{  
    color:rgb(48, 14, 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(48, 14, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 14, 15) }
```

Border

The CSS property to change the border of an element to YUV 24.2800, -4.5750, 20.8024 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, 14, 15) }
```


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

```
.border{ border-color:rgb(48, 14, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 14, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 14, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 14, 15);  
box-shadow:4px 4px 4px 4px rgb(48, 14, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.2800, -4.5750, 20.8024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 14, 15) }
```

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

```
.background{ background-color: rgb(48, 14,  
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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