

Converting Colors

YUV(24.8220, 53.8248, 2.7871)

Have a look what the booklet for
YUV(24.8220, 53.8248, 2.7871)
contains.

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Color

**YUV(24.8220, 53.8248,
2.7871)**

Conversions

Conversions Part 1

Format	Color
Hex	1C0286
RGB	28, 2, 134
RGB Percent	11%, 1%, 53%
CMY	0.8902, 0.9922, 0.4745
CMYK	0.79, 0.99, 0.00, 0.47
HSL	252°, 97%, 27%
HSV	252°, 99%, 53%
XYZ	4.8037, 2.0115, 22.6893
YIQ	24.8220, -26.8760, 46.5640

Conversions

Conversions Part 2

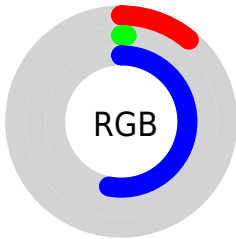
Format	Color
RYB	28, 2, 134
Decimal	1835654
CIELab	15.55, 48.88, -64.18
CIElCh	16, 80.675, 307.294
Yxy	2.0115, 0.1628, 0.0682
Android (android.graphics.Color)	4280025734 (0xFF1C0286)
YUV	24.8220, 53.8248, 2.7871
Hunter-Lab	14.1828, 35.6374, -84.9228

Details

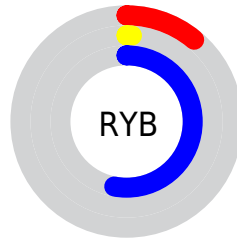
The YUV color **24.8220, 53.8248, 2.7871** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **111.1780, -53.8248, -2.7871**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.9370, 52.7821, 10.5793**, and **9.4620, 36.2542, -8.2982** is the 20% darker color. If you saturate the color by 10%, you get **23.0500, 54.6983, 2.5871**, and if you desaturate by 10%, it is **35.7420, 48.4412, 2.8573**.

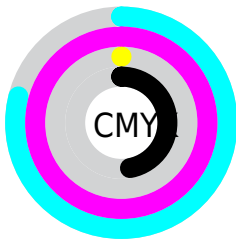
Distribution



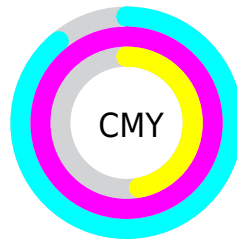
- Red (11%)
- Green (1%)
- Blue (53%)



- Red (11%)
- Yellow (1%)
- Blue (53%)



- Cyan (79%)
- Magenta (99%)
- Yellow (0%)
- Black (47%)



- Cyan (89%)
- Magenta (99%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.8220, 53.8248, 2.7871 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 24.8220, 53.8248, 2.7871 by changing the saturation by 10% instead.

■ 24.8220, 53.8248,
2.7871

■ 24.8220, 53.8248,
2.7871

■ 247.3690, 3.7621,
6.6924

■ 12.3120, 47.1742,
-10.7976

■ 81.9370, 52.7821,
10.5793

■ 9.4620, 36.2542,
-8.2982

■ 108.4750, 53.5028,
12.7384

■ 10.1340, 23.5979,
-8.8875

■ 135.1270, 54.6604,
14.7976

■ 5.2780, 15.1459,
-4.6288

■ 160.0860, 46.7926,
18.3416

■ 1.3680, 5.2416,
-1.1997


■ 184.9050, 34.5568,
22.8853


■ 0.0000, 0.0000,
0.0000


■ 209.7240, 22.3211,


27.4291


 230.3460, 12.1544,
21.6216


 24.8220, 53.8248,
2.7871


 24.8220, 53.8248,
2.7871


 23.0500, 54.6983,
2.5871

 35.7420, 48.4412,
2.8573

 47.2490, 42.7682,
2.4126

 57.8700, 37.5321,
1.8680

 69.3770, 31.8591,
1.4234

 80.2970, 26.4756,
1.4935

■ 91.2170, 21.0920,
1.5637

■ 102.4250, 15.5665,
0.5043

■ 113.3450, 10.1829,
0.5744

■ 124.8520, 4.5100,
0.1298

Harmonies

Analogous

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



45.7150, 55.8495, -40.0921



24.8220, 53.8248, 2.7871



42.5800, 20.9131, 59.1273

Triad

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



24.8220, 53.8248, 2.7871



30.9750, -15.2707, 44.7489



38.8000, 6.5076, -34.0276

Complementary

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



24.8220, 53.8248, 2.7871



111.1780, -53.8248, -2.7871

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.



32.2850, -15.9165, -28.3139



24.8220, 53.8248, 2.7871



35.4180, -17.4611, 0.5104

Square

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



24.8220, 53.8248, 2.7871



33.7870, -16.6570, 69.4698



29.9370, -14.7589, -26.2547



47.0590, 30.5369, -41.2707

Rectangle

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



24.8220, 53.8248, 2.7871



42.7330, 2.1036, 72.1482



29.9370, -14.7589, -26.2547



35.9330, -1.9390, -31.5132

Sweetspot

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



24.8220, 53.8248, 2.7871



130.2170, 21.0920, 1.5637



80.4440, 26.4031, -68.7954



60.7410, 12.9457, 1.1041



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



24.8220, 53.8248, 2.7871



29.8880, 70.5542, 3.6062



43.9580, 44.3907, 42.1328



60.9830, 2.4734, 0.0149



22.5940, 52.9512, 2.9871



0.6410, 1.1630, 0.3148

Inverse Universe

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



53.5520, 26.8429, 70.5529



67.5730, 35.2135, 92.4595



92.0420, -44.3907, -42.1328



62.3640, 1.2995, 3.1888



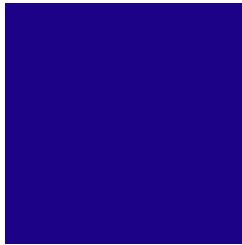
50.7260, 26.2641, 69.5233



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 24.8220, 53.8248, 2.7871 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

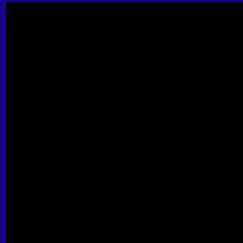
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.8220, 53.8248, 2.7871

Background



This preview shows how black text looks on a background with the YUV color 24.8220, 53.8248, 2.7871.



This preview shows how white text looks on a background with the YUV color 24.8220, 53.8248,

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

24.8220, 53.8248, 2.7871

Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

34.1500, 19.1531, -29.9495



Tritanopia

33.1750, 7.8017, -29.0945

Trichromacy



Original Color

24.8220, 53.8248, 2.7871

Protanomaly

30.5810, 35.7026, -18.0495

Deuteranomaly

30.8430, 31.6294, -18.2793

Tritanomaly

30.3070, 24.4986, -17.8092

Monochromacy



Original Color

24.8220, 53.8248, 2.7871

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1630, 19.6396, 0.7340

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.8220, 53.8248, 2.7871 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(28, 2, 134)` looks like.

```
.text, #text, p{  
    color:rgb(28, 2, 134)  
}
```

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(28, 2, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 2, 134) }
```

Border

The CSS property to change the border of an element to YUV 24.8220, 53.8248, 2.7871 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(28, 2, 134) }
```


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

```
.border{ border-color:rgb(28, 2, 134) }
```

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

Here you see how a box with a 4 pixel rgb(28, 2, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 2, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 2, 134);  
box-shadow:4px 4px 4px 4px rgb(28, 2, 134)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.8220, 53.8248, 2.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 2, 134) }
```

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

```
.background{ background-color: rgb(28, 2,  
134) }
```

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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