

Converting Colors

YUV(28.7500, 76.5383, -2.4118)

Have a look what the booklet for
YUV(28.7500, 76.5383, -2.4118)
contains.

YUV(28.7500, 76.5383, -2.4118)	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>	30

Color

**YUV(28.7500, 76.5383,
-2.4118)**

Conversions

Conversions Part 1

Format	Color
Hex	1A00B8
RGB	26, 0, 184
RGB Percent	10%, 0%, 72%
CMY	0.8980, 1.0000, 0.2784
CMYK	0.86, 1.00, 0.00, 0.28
HSL	248°, 100%, 36%
HSV	248°, 100%, 72%
XYZ	9.0777, 3.6803, 45.5793
YIQ	28.7500, -43.5680, 62.7360

Conversions

Conversions Part 2

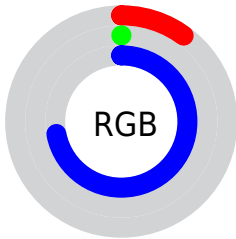
Format	Color
RYB	26, 0, 184
Decimal	1704120
CIELab	22.59, 62.24, -83.09
CIElCh	23, 103.810, 306.835
Yxy	3.6803, 0.1556, 0.0631
Android (android.graphics.Color)	4279894200 (0xFF1A00B8)
YUV	28.7500, 76.5383, -2.4118
Hunter-Lab	19.1841, 50.8922, -127.4375

Details

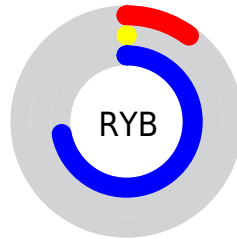
The YUV color **28.7500, 76.5383, -2.4118** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **155.2500, -76.5383, 2.4118**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.3880, 72.2797, 10.1837**, and **14.7060, 56.3469, -12.8972** is the 20% darker color. If you saturate the color by 10%, you get **28.7500, 76.5383, -2.4118**, and if you desaturate by 10%, it is **44.1000, 68.9707, -1.8417**.

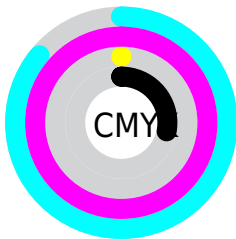
Distribution



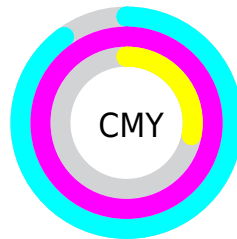
- Red (10%)
- Green (0%)
- Blue (72%)



- Red (10%)
- Yellow (0%)
- Blue (72%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (90%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.7500, 76.5383, -2.4118 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 28.7500, 76.5383, -2.4118 by changing the saturation by 10% instead.

■ 28.7500, 76.5383,
-2.4118

■ 28.7500, 76.5383,
-2.4118

■ 254.4130, 0.2894,
0.5148

■ 17.7840, 68.1405,
-15.5966

■ 95.3880, 72.2797,
10.1837

■ 14.7060, 56.3469,
-12.8972

■ 121.7000, 65.7169,
15.1721

■ 11.7420, 44.9902,
-10.2977

■ 146.8180, 53.3337,
20.3306

■ 14.7620, 31.1763,
-12.9463

■ 171.9360, 40.9506,
25.4891

■ 9.0910, 22.1401,
-7.9728

■ 197.0540, 28.5674,
30.6476

■ 4.8220, 13.3988,
-4.2289

■ 220.3670, 17.0741,


■ 0.3420, 1.3104,


30.3731


-0.2999


 237.3900, 8.6817,
15.4440


 0.0000, 0.0000,
0.0000


 28.7500, 76.5383,
-2.4118

 44.1000, 68.9707,
-1.8417

 60.0370, 61.1138,
-1.7864

 75.0880, 53.6936,
-1.8312

 91.0250, 45.8367,
-1.7759

 106.3750, 38.2691,
-1.2059

■ 121.7250, 30.7016,
-0.6358

■ 137.6620, 22.8446,
-0.5806

■ 152.7130, 15.4245,
-0.6253

■ 168.6500, 7.5676,
-0.5700

Harmonies

Analogous

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



63.4800, 75.6854, -55.6720



28.7500, 76.5383, -2.4118



57.8890, 29.1417, 79.9043

Triad

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



28.7500, 76.5383, -2.4118



40.5320, -19.9823, 62.6774



52.7060, 9.0189, -46.2232

Complementary

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



28.7500, 76.5383, -2.4118



155.2500, -76.5383, 2.4118

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.



43.4380, -21.4149, -38.0951



28.7500, 76.5383, -2.4118



49.2950, -24.3024, 1.4953

Square

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



28.7500, 76.5383, -2.4118



46.3450, -22.8481, 95.2904



41.0900, -20.2574, -36.0359



63.3590, 42.2210, -55.5658

Rectangle

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



28.7500, 76.5383, -2.4118



58.3540, 3.7695, 97.9135



41.0900, -20.2574, -36.0359



49.0410, -2.4852, -43.0090

Sweetspot

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



28.7500, 76.5383, -2.4118



179.1980, 29.9754, -1.0506



114.3090, 34.3577, -100.2490



83.6960, 17.8979, -0.6104



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



28.7500, 76.5383, -2.4118



37.5260, 99.8197, -3.0923



55.9590, 63.1242, 53.5330



84.3250, 3.7838, -0.2850



24.3620, 64.8975, -2.0715



4.3880, 11.6407, -0.3403

Inverse Universe

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



73.0280, 41.8912, 97.3224



95.2440, 54.6027, 126.9510



128.0410, -63.1242, -53.5330



86.6030, 2.1677, 4.7332



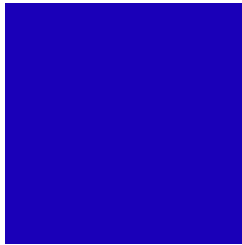
61.9200, 35.5354, 82.5082



11.1080, 6.3558, 14.8143

Previews

White Background



This preview shows how the YUV color 28.7500, 76.5383, -2.4118 looks on a white background.

Color Contrast Check

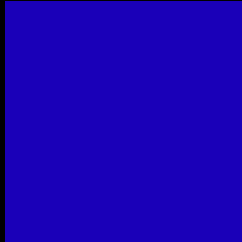
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 28.7500, 76.5383, -2.4118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

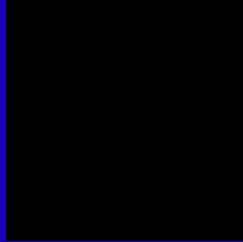
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.7500, 76.5383, -2.4118

Background



This preview shows how black text looks on a background with the YUV color 28.7500, 76.5383, -2.4118.



This preview shows how white text looks on a background with the YUV color 28.7500, 76.5383, -2.4118.

-2.4118.

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



Protanopia

45.3950, 34.3153, -39.8114

Deuteranopia

45.6910, 25.2953, -40.0710

Tritanopia

44.5050, 10.5970, -39.0309

Trichromacy



Protanomaly

39.1960, 49.6964, -26.4819

Deuteranomaly

39.7030, 44.0234, -26.9265

Tritanomaly

38.5970, 34.7087, -25.9566

Monochromacy



Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.6280, 27.7914, -0.5508

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.7500, 76.5383, -2.4118 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(26, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(26, 0, 184)  
}
```

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(26, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 0, 184) }
```

Border

The CSS property to change the border of an element to YUV 28.7500, 76.5383, -2.4118 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(26, 0, 184) }
```

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

```
.border{ border-color:rgb(26, 0, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 0, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(26, 0, 184)  
}
```


Background

The CSS property to change the background color of an element to YUV 28.7500, 76.5383, -2.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 0, 184) }
```

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

```
.background{ background-color: rgb(26, 0,  
184) }
```

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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