

Converting Colors

YUV(29.1770, 78.7927,
-25.5882)

Have a look what the booklet for
YUV(29.1770, 78.7927, -25.5882)
contains.

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Color

**YUV(29.1770, 78.7927,
-25.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	000DBD
RGB	0, 13, 189
RGB Percent	0%, 5%, 74%
CMY	1.0000, 0.9490, 0.2588
CMYK	1.00, 0.93, 0.00, 0.26
HSL	236°, 100%, 37%
HSV	236°, 100%, 74%
XYZ	9.3292, 3.9620, 48.4171
YIQ	29.1770, -64.2440, 51.9800

Conversions

Conversions Part 2

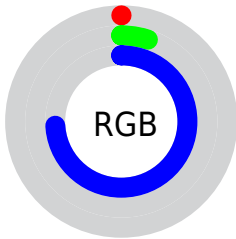
Format	Color
RYB	0, 12, 189
Decimal	3517
CIELab	23.55, 60.19, -84.47
CIELCh	24, 103.722, 305.471
Yxy	3.9620, 0.1512, 0.0642
Android (android.graphics.Color)	4278193597 (0xFF000DBD)
YUV	29.1770, 78.7927, -25.5882
Hunter-Lab	19.9047, 48.8288, -130.2865

Details

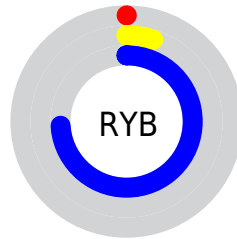
The YUV color **29.1770, 78.7927, -25.5882** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **159.8230, -78.7927, 25.5882**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.6860, 73.6118, 2.9064**, and **15.2760, 58.5309, -13.3971** is the 20% darker color. If you saturate the color by 10%, you get **29.1770, 78.7927, -25.5882**, and if you desaturate by 10%, it is **45.4240, 70.7830, -23.1738**.

Distribution



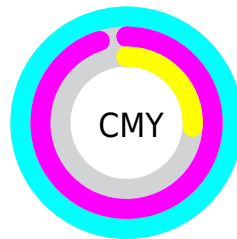
- Red (0%)
- Green (5%)
- Blue (74%)



- Red (0%)
- Yellow (5%)
- Blue (74%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (95%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.1770, 78.7927, -25.5882 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 29.1770, 78.7927, -25.5882 by changing the saturation by 10% instead.

■ 29.1770, 78.7927,
-25.5882

■ 29.1770, 78.7927,
-25.5882

■ 255.0000, 0.0000,
0.0000

■ 18.3540, 70.3245,
-16.0965

■ 97.6860, 73.6118,
2.9064

■ 15.2760, 58.5309,
-13.3971

■ 123.7270, 64.7176,
9.0094

■ 12.1980, 46.7374,
-10.6976

■ 148.5570, 52.4764,
15.2975

■ 15.8050, 32.6341,
-13.8610

■ 173.6750, 40.0932,
20.4560

■ 9.5470, 23.8873,
-8.3727

■ 198.7930, 27.7101,
25.6145

■ 5.1640, 14.7091,
-4.5288

■ 223.3020, 15.6271,


■ 1.2540, 4.8048,


27.7991


-1.0998


 240.3250, 7.2348,
12.8700


 0.0000, 0.0000,
0.0000


 29.1770, 78.7927,
-25.5882

 45.4240, 70.7830,
-23.1738

 61.0840, 63.0626,
-20.2447

 77.3310, 55.0528,
-17.8303

 92.9910, 47.3324,
-14.9011

 109.2380, 39.3227,
-12.4867

■ 125.1860, 31.4603,
-10.6871

■ 140.8460, 23.7399,
-7.7579

■ 157.0930, 15.7302,
-5.3436

■ 172.7530, 8.0098,
-2.4144

Harmonies

Analogous

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



65.5830, 76.1276, -57.5163



29.1770, 78.7927, -25.5882



58.8720, 31.6151, 79.9193

Triad

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



29.1770, 78.7927, -25.5882



40.2660, -19.8511, 67.2957



53.6520, 7.5666, -47.0528

Complementary

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



29.1770, 78.7927, -25.5882



159.8230, -78.7927, 25.5882

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.



44.6120, -21.9937, -39.1247



29.1770, 78.7927, -25.5882



51.6760, -25.4763, 4.6691

Square

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



29.1770, 78.7927, -25.5882



47.5410, -23.4377, 97.7495



42.2640, -20.8362, -37.0655



64.4190, 41.2054, -56.4955

Rectangle

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



29.1770, 78.7927, -25.5882



59.6360, 6.0955, 98.5432



42.2640, -20.8362, -37.0655



50.5740, -4.2270, -44.3534

Sweetspot

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



29.1770, 78.7927, -25.5882



182.3710, 30.8761, -9.9724



130.6650, 20.8712, -114.5932



84.7770, 18.3509, -5.9434



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



29.1770, 78.7927, -25.5882



37.9090, 102.0959, -33.2462



45.1670, 70.9097, 29.6715



86.6130, 3.6418, -1.4146



24.4690, 65.8308, -21.4593



4.7080, 12.9620, -4.1289

Inverse Universe

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



57.9930, -22.1815, 114.8931



75.1930, -28.6891, 148.9207



143.8330, -70.9097, -29.6715



87.8050, -0.8899, 5.4330



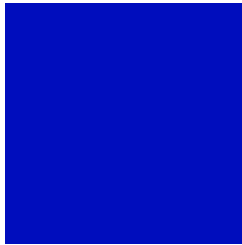
48.4960, -18.4855, 96.0350



9.4970, -3.6960, 18.8581

Previews

White Background



This preview shows how the YUV color 29.1770, 78.7927, -25.5882 looks on a white background.

Color Contrast Check

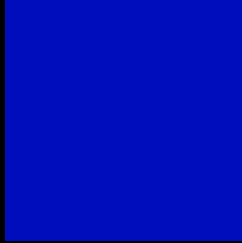
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1770, 78.7927, -25.5882 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 29.1770, 78.7927, -25.5882

Background



This preview shows how black text looks on a background with the YUV color 29.1770, 78.7927, -25.5882.



This preview shows how white text looks on a background with the YUV color 29.1770, 78.7927, -25.5882.

-25.5882.

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

29.1770, 78.7927, -25.5882

Protanopia

46.2100, 34.8995, -40.5262

Deuteranopia

46.5060, 25.8795, -40.7858



Tritanopia

45.2060, 10.7444, -39.6457

Trichromacy



Original Color

29.1770, 78.7927, -25.5882

Protanomaly

39.7820, 50.8865, -34.8888

Deuteranomaly

40.2890, 45.2135, -35.3335

Tritanomaly

39.0690, 35.4620, -34.2635

Monochromacy



Original Color

29.1770, 78.7927, -25.5882

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8010, 28.6921, -9.4725

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.1770, 78.7927, -25.5882 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(0, 13, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 13, 189)  
}
```

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(0, 13, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 189) }
```

Border

The CSS property to change the border of an element to YUV 29.1770, 78.7927, -25.5882 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(0, 13, 189) }
```


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

```
.border{ border-color:rgb(0, 13, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 13, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 13, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 13, 189)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.1770, 78.7927, -25.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 189) }
```

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

```
.background{ background-color: rgb(0, 13,  
189) }
```

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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