

Converting Colors

YUV(22.9800, 27.1249,
-20.1535)

Have a look what the booklet for
YUV(22.9800, 27.1249, -20.1535)
contains.

YUV(22.9800, 27.1249, -20.1535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

**YUV(22.9800, 27.1249,
-20.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	00184E
RGB	0, 24, 78
RGB Percent	0%, 9%, 31%
CMY	1.0000, 0.9059, 0.6941
CMYK	1.00, 0.69, 0.00, 0.69
HSL	222°, 100%, 15%
HSV	222°, 100%, 31%
XYZ	1.7018, 1.2033, 7.3503
YIQ	22.9800, -31.6380, 11.7060

Conversions

Conversions Part 2

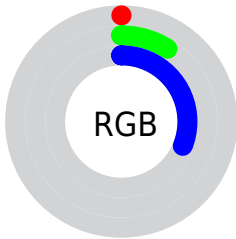
Format	Color
RYB	0, 18, 78
Decimal	6222
CIELab	10.58, 16.23, -35.60
CIELCh	11, 39.128, 294.503
Yxy	1.2033, 0.1659, 0.1173
Android (android.graphics.Color)	4278196302 (0xFF00184E)
YUV	22.9800, 27.1249, -20.1535
Hunter-Lab	10.9696, 8.4949, -32.0491

Details

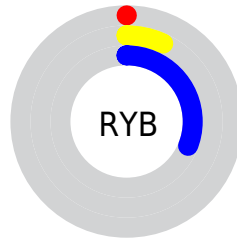
The YUV color **22.9800, 27.1249, -20.1535** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **55.0200, -27.1249, 20.1535**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.5730, 27.8185, -9.2725**, and **4.9360, 13.8356, -4.3289** is the 20% darker color. If you saturate the color by 10%, you get **22.9800, 27.1249, -20.1535**, and if you desaturate by 10%, it is **28.3070, 24.4986, -17.8092**.

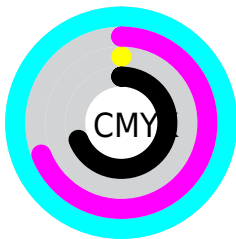
Distribution



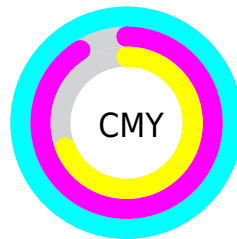
- Red (0%)
- Green (9%)
- Blue (31%)



- Red (0%)
- Yellow (7%)
- Blue (31%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.9800, 27.1249, -20.1535 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 22.9800, 27.1249, -20.1535 by changing the saturation by 10% instead.

■ 22.9800, 27.1249,
-20.1535

■ 22.9800, 27.1249,
-20.1535

■ 250.8800, 2.0312,
1.8592

■ 6.2700, 24.0239,
-5.4988

■ 71.5730, 27.8185,
-9.2725

■ 4.9360, 13.8356,
-4.3289

■ 96.3990, 28.3973,
-8.2429

■ 0.5700, 2.1840,
-0.4999

■ 121.3390, 29.4129,
-7.3133

■ 0.0000, 0.0000,
0.0000

■ 147.8660, 30.1391,
-6.8985

■ 174.3930, 30.8653,
-6.4837

■ 200.6660, 26.7867,

-4.9691

■ 225.7730, 14.4089,
-1.5549

■ 22.9800, 27.1249,
-20.1535

■ 28.3070, 24.4986,
-17.8092

■ 34.2210, 21.5830,
-15.9798

■ 39.2490, 19.1042,
-14.2504

■ 45.1630, 16.1886,
-12.4210

■ 50.4900, 13.5624,
-10.0767

■ 55.8170, 10.9362,
-7.7325

■ 61.7310, 8.0206,
-5.9031

■ 66.7590, 5.5418,
-4.1736

■ 72.6730, 2.6262,
-2.3442

Harmonies

Analogous

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



29.4200, 26.4149, -25.8013



22.9800, 27.1249, -20.1535



25.3340, 17.0903, 25.1401

Triad

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



22.9800, 27.1249, -20.1535



24.3970, -12.0277, 31.2238



26.1020, -1.5293, -22.8915

Complementary

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



22.9800, 27.1249, -20.1535



55.0200, -27.1249, 20.1535

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.



22.3060, -10.9969, -19.5624



22.9800, 27.1249, -20.1535



27.5210, -13.5679, 11.8211

Square

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



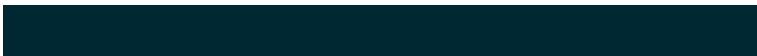
22.9800, 27.1249, -20.1535



21.7560, -9.7397, 44.0640



24.4430, -12.0504, -8.2815



29.1800, 10.2643, -25.5909

Rectangle

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



22.9800, 27.1249, -20.1535



25.0490, 9.3428, 36.7910



24.4430, -12.0504, -8.2815



24.7340, -6.7709, -21.6917

Sweetspot

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



22.9800, 27.1249, -20.1535



80.4040, 10.6468, -8.2473



51.8280, 0.5778, -45.4532



37.9870, 6.4154, -4.3736



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



22.9800, 27.1249, -20.1535



29.8250, 35.5823, -26.1565



13.0780, 32.0065, 0.8086



35.6300, 1.1684, -1.4295



67.8970, 79.9168, -59.5457

Inverse Universe

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



26.0580, -1.0146, 45.5531



34.0320, -1.4948, 59.6079



64.9220, -32.0065, -0.8086



35.4240, 0.2840, 2.2592



76.8640, -2.8910, 134.3003

Previews

White Background



This preview shows how the YUV color 22.9800, 27.1249, -20.1535 looks on a white background.

Color Contrast Check

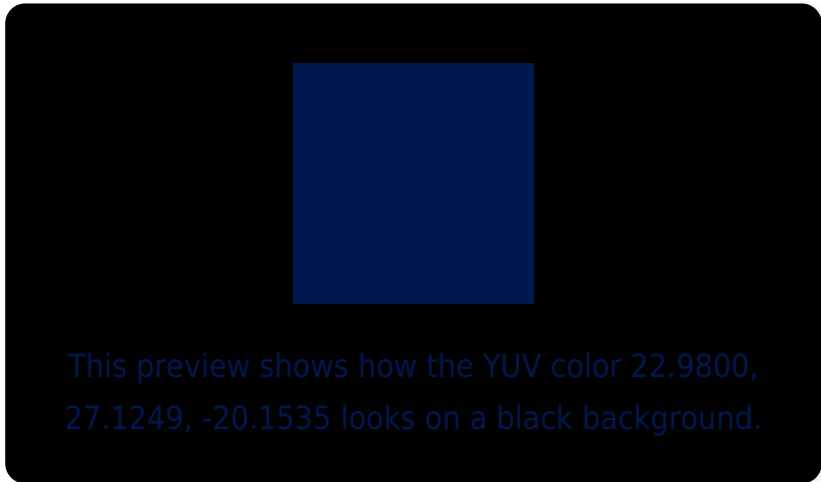
Large Text (above 18pt) WCAG AA ✓ Pass

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

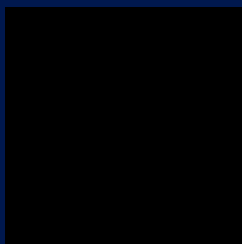
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.9800, 27.1249, -20.1535

Background



This preview shows how black text looks on a background with the YUV color 22.9800, 27.1249, -20.1535.



This preview shows how white text looks on a background with the YUV color 22.9800, 27.1249,

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

24.0910, 18.6891, -21.1278

Deuteranopia

24.2390, 14.1792, -21.2576

Tritanopia

23.9480, 5.4486, -21.0024

Trichromacy



Protanomaly

23.6010, 21.8887, -20.6981

Deuteranomaly

23.5040, 18.9785, -20.6130

Tritanomaly

23.4240, 13.5950, -20.5428

Monochromacy



Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.8880, 9.9152, -6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.9800, 27.1249, -20.1535 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, 24, 78)` looks like.

```
.text, #text, p{  
    color:rgb(0, 24, 78)  
}
```

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, 24, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 24, 78) }
```

Border

The CSS property to change the border of an element to YUV 22.9800, 27.1249, -20.1535 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, 24, 78) }
```

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

```
.border{ border-color:rgb(0, 24, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 24, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 24, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 24, 78); box-shadow:4px  
4px 4px 4px rgb(0, 24, 78) }
```

Background

The CSS property to change the background color of an element to YUV 22.9800, 27.1249, -20.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 24, 78) }
```

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

```
.background{ background-color: rgb(0, 24,  
78) }
```

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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