

Converting Colors

YUV(25.1280, 22.6149,
-20.2833)

Have a look what the booklet for
YUV(25.1280, 22.6149, -20.2833)
contains.

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Color

**YUV(25.1280, 22.6149,
-20.2833)**

Conversions

Conversions Part 1

Format	Color
Hex	021C47
RGB	2, 28, 71
RGB Percent	1%, 11%, 28%
CMY	0.9922, 0.8902, 0.7216
CMYK	0.97, 0.61, 0.00, 0.72
HSL	217°, 95%, 14%
HSV	217°, 97%, 28%
XYZ	1.5776, 1.2983, 6.1287
YIQ	25.1280, -29.2990, 7.8610

Conversions

Conversions Part 2

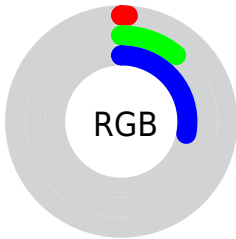
Format	Color
R_YB	2, 21, 71
Decimal	138311
CIE _{Lab}	11.26, 10.03, -29.64
CIE _{LCh}	11, 31.291, 288.689
Yxy	1.2983, 0.1752, 0.1442
Android (android.graphics.Color)	4278328391 (0xFF021C47)
YUV	25.1280, 22.6149, -20.2833
Hunter-Lab	11.3945, 4.7738, -23.9138

Details

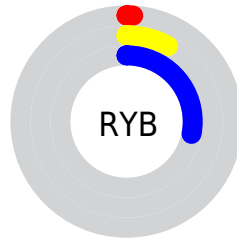
The YUV color **25.1280, 22.6149, -20.2833** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **47.8720, -22.6149, 20.2833**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.9980, 23.1720, -12.2762**, and **3.6650, 11.5042, -3.2142** is the 20% darker color. If you saturate the color by 10%, you get **23.9430, 23.1991, -20.9980**, and if you desaturate by 10%, it is **29.5690, 20.4255, -18.0390**.

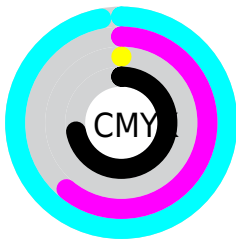
Distribution



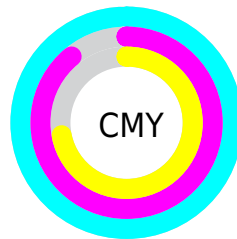
- Red (1%)
- Green (11%)
- Blue (28%)



- Red (1%)
- Yellow (8%)
- Blue (28%)



- Cyan (97%)
- Magenta (61%)
- Yellow (0%)
- Black (72%)



- Cyan (99%)
- Magenta (89%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.1280, 22.6149, -20.2833 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 25.1280, 22.6149, -20.2833 by changing the saturation by 10% instead.

■ 25.1280, 22.6149,
-20.2833

■ 25.1280, 22.6149,
-20.2833

■ 252.9070, 1.0318,
-4.3034

■ 5.4720, 20.9663,
-4.7989

■ 72.9980, 23.1720,
-12.2762

■ 3.6650, 11.5042,
-3.2142

■ 96.9380, 24.1876,
-11.3466

■ 0.0000, 0.0000,
0.0000

■ 122.4650, 24.9138,
-10.9318

■ 148.5790, 25.3506,
-11.0318

■ 175.1060, 26.0767,
-10.6170

■ 202.4050, 25.9293,

-10.0022

■ 227.2130, 13.6990,
-7.2028

■ 25.1280, 22.6149,
-20.2833

■ 25.1280, 22.6149,
-20.2833

■ 23.9430, 23.1991,
-20.9980

■ 29.5690, 20.4255,
-18.0390

■ 34.5970, 17.9467,
-16.3096

■ 39.0380, 15.7573,
-14.0653

■ 44.0660, 13.2785,
-12.3359

■ 48.5070, 11.0890,
-10.0916

■ 53.8340, 8.4628,
-7.7474

■ 58.2750, 6.2734,
-5.5032

■ 62.7160, 4.0840,
-3.2589

■ 67.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



28.7530, 21.3208, -25.2164



25.1280, 22.6149, -20.2833



30.7580, 13.9233, 14.2442

Triad

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



25.1280, 22.6149, -20.2833



26.7450, -13.1853, 29.1646



25.2870, -2.1135, -22.1767

Complementary

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



25.1280, 22.6149, -20.2833



47.8720, -22.6149, 20.2833

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.



21.7190, -10.7075, -19.0476



25.1280, 22.6149, -20.2833



28.7170, -14.1575, 14.2802

Square

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



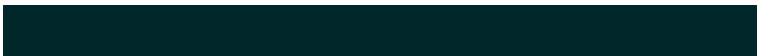
25.1280, 22.6149, -20.2833



24.0200, -3.4609, 36.8165



27.4440, -13.5299, -0.3894



28.3820, 7.2067, -24.8910

Rectangle

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



25.1280, 22.6149, -20.2833



26.9940, 9.3700, 28.0693



27.4440, -13.5299, -0.3894



24.2610, -6.0447, -21.2769

Sweetspot

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



25.1280, 22.6149, -20.2833



73.9480, 8.8996, -7.8474



47.4050, -1.1857, -39.8202



35.3460, 5.2524, -4.6884



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



25.1280, 22.6149, -20.2833



31.0330, 30.0567, -27.2159



12.2580, 28.9598, -1.9803



33.0430, 1.4578, -0.9147



33.0050, 32.5355, -28.9454



76.3600, 74.2655, -66.9677

Inverse Universe

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



25.5950, 1.1857, 39.8202



31.4980, 1.7265, 53.0603



60.7420, -28.9598, 1.9803



33.3100, -0.1528, 2.3591



33.8190, 1.5682, 57.1637



77.6770, 4.1032, 130.9563

Previews

White Background



This preview shows how the YUV color 25.1280, 22.6149, -20.2833 looks on a white background.

Color Contrast Check

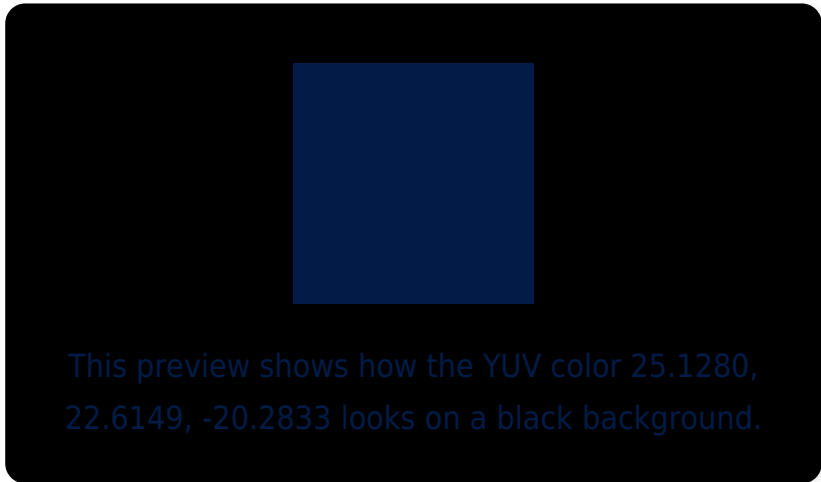
Large Text (above 18pt) WCAG AA ✓ Pass

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

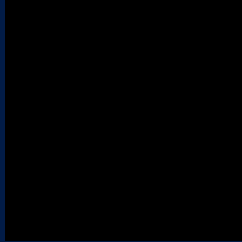
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.1280, 22.6149, -20.2833

Background



This preview shows how black text looks on a background with the YUV color 25.1280, 22.6149, -20.2833.



This preview shows how white text looks on a background with the YUV color 25.1280, 22.6149,

-20.2833.

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

25.1280, 22.6149, -20.2833

Protanopia

24.9060, 19.2733, -21.8426

Deuteranopia

25.0540, 14.7634, -21.9724



Tritanopia

24.7630, 6.0328, -21.7172

Trichromacy



Original Color

25.1280, 22.6149, -20.2833

Protanomaly

24.9600, 20.7257, -21.0129

Deuteranomaly

25.4500, 17.5261, -21.4427

Tritanomaly

24.6690, 11.9952, -20.7577

Monochromacy



Original Color

25.1280, 22.6149, -20.2833

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1330, 8.3154, -7.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.1280, 22.6149, -20.2833 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(2, 28, 71)` looks like.

```
.text, #text, p{  
    color:rgb(2, 28, 71)  
}
```

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(2, 28, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 28, 71) }
```

Border

The CSS property to change the border of an element to YUV 25.1280, 22.6149, -20.2833 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(2, 28, 71) }
```


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

```
.border{ border-color:rgb(2, 28, 71) }
```

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

Here you see how a box with a 4 pixel rgb(2, 28, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 28, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 28, 71); box-shadow:4px  
4px 4px 4px rgb(2, 28, 71) }
```

Background

The CSS property to change the background color of an element to YUV 25.1280, 22.6149, -20.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 28, 71) }
```

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

```
.background{ background-color: rgb(2, 28,  
71) }
```

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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