

Converting Colors

YUV(27.6980, 24.7989,
-20.7831)

Have a look what the booklet for
YUV(27.6980, 24.7989, -20.7831)
contains.

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Color

**YUV(27.6980, 24.7989,
-20.7831)**

Conversions

Conversions Part 1

Format	Color
Hex	041E4E
RGB	4, 30, 78
RGB Percent	2%, 12%, 31%
CMY	0.9843, 0.8824, 0.6941
CMYK	0.95, 0.62, 0.00, 0.69
HSL	219°, 90%, 16%
HSV	219°, 95%, 31%
XYZ	1.8895, 1.5044, 7.3985
YIQ	27.6980, -30.9040, 9.4160

Conversions

Conversions Part 2

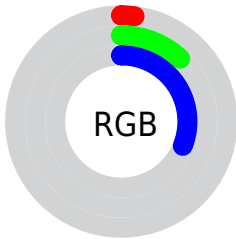
Format	Color
R_{YB}	4, 23, 78
Decimal	269902
CIE _{Lab}	12.64, 12.02, -32.24
CIE _{LCh}	13, 34.407, 290.441
Y _{xy}	1.5044, 0.1751, 0.1394
Android (android.graphics.Color)	4278459982 (0xFF041E4E)
YUV	27.6980, 24.7989, -20.7831
Hunter-Lab	12.2655, 6.0333, -27.1779

Details

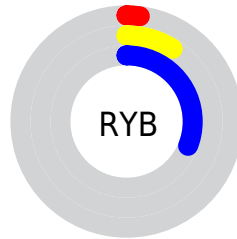
The YUV color **27.6980, 24.7989, -20.7831** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **54.3020, -24.7989, 20.7831**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.9810, 25.6454, -12.2613**, and **4.9360, 13.8356, -4.3289** is the 20% darker color. If you saturate the color by 10%, you get **24.7410, 26.2567, -21.6979**, and if you desaturate by 10%, it is **33.0250, 22.1727, -18.4389**.

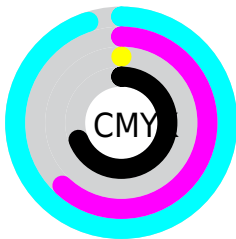
Distribution



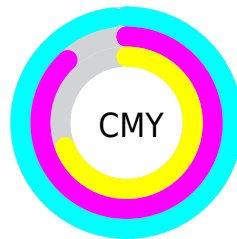
- Red (2%)
- Green (12%)
- Blue (31%)



- Red (2%)
- Yellow (9%)
- Blue (31%)



- Cyan (95%)
- Magenta (62%)
- Yellow (0%)
- Black (69%)



- Cyan (98%)
- Magenta (88%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.6980, 24.7989, -20.7831 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 27.6980, 24.7989, -20.7831 by changing the saturation by 10% instead.

■ 27.6980, 24.7989,
-20.7831

■ 27.6980, 24.7989,
-20.7831

■ 254.7010, 0.1474,
-0.6148

■ 9.2050, 22.5769,
-8.0728

■ 75.9810, 25.6454,
-12.2613

■ 4.9360, 13.8356,
-4.3289

■ 100.8070, 26.2241,
-11.2317

■ 0.6840, 2.6208,
-0.5999

■ 125.7470, 27.2397,
-10.3021

■ 0.0000, 0.0000,
0.0000

■ 152.2740, 27.9659,
-9.8873

■ 179.3880, 28.4027,
-9.9873

■ 205.6610, 24.3241,

-8.4727

■ 230.4690, 12.0938,
-5.6733

■ 27.6980, 24.7989,
-20.7831

■ 27.6980, 24.7989,
-20.7831

■ 24.7410, 26.2567,
-21.6979

■ 33.0250, 22.1727,
-18.4389

■ 38.3520, 19.5465,
-16.0947

■ 43.3800, 17.0677,
-14.3653

■ 48.7070, 14.4414,
-12.0210

■ 54.0340, 11.8152,
-9.6768

■ 59.3610, 9.1890,
-7.3326

■ 64.6880, 6.5628,
-4.9884

■ 69.7160, 4.0840,
-3.2589

■ 75.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



31.4260, 23.9470, -27.5606



27.6980, 24.7989, -20.7831



33.0080, 14.7861, 17.5330

Triad

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



27.6980, 24.7989, -20.7831



29.4140, -14.5011, 31.2089



27.9770, -1.9607, -24.5358

Complementary

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



27.6980, 24.7989, -20.7831



54.3020, -24.7989, 20.7831

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.



23.4800, -11.5756, -20.5920



27.6980, 24.7989, -20.7831



31.3750, -15.4679, 14.5801

Square

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



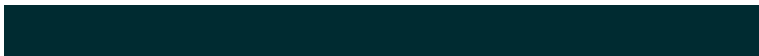
27.6980, 24.7989, -20.7831



24.9390, -3.9139, 42.1495



29.2050, -14.3981, -1.9338



30.8270, 8.9593, -27.0353

Rectangle

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



27.6980, 24.7989, -20.7831



28.2550, 10.2273, 33.1024



29.2050, -14.3981, -1.9338



26.3640, -5.6025, -23.1212

Sweetspot

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



27.6980, 24.7989, -20.7831



82.1760, 9.7732, -8.0474



52.7960, -0.8854, -42.7941



39.4600, 5.6892, -4.7884



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.



27.6980, 24.7989, -20.7831



32.7600, 34.1353, -28.7305



15.4260, 30.8490, -1.2506



35.6300, 1.1684, -1.4295



73.7670, 77.0229, -64.6937

Inverse Universe

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



29.0900, 0.4486, 42.8941



34.6020, 0.6892, 59.1080



66.5740, -30.8490, 1.2506



35.4240, 0.2840, 2.2592



78.0040, 1.4770, 133.3005

Previews

White Background



This preview shows how the YUV color 27.6980, 24.7989, -20.7831 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

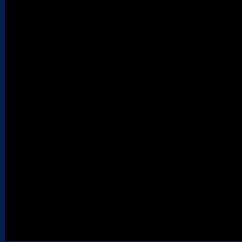
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.6980, 24.7989, -20.7831

Background



This preview shows how black text looks on a background with the YUV color 27.6980, 24.7989, -20.7831.



This preview shows how white text looks on a background with the YUV color 27.6980, 24.7989,

-20.7831.

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

27.6980, 24.7989, -20.7831

Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.2710, 15.6424, -23.9167



Tritanopia

26.8660, 6.4751, -23.5615

Trichromacy



Original Color

27.6980, 24.7989, -20.7831

Protanomaly

27.2910, 22.0415, -23.0572

Deuteranomaly

27.1940, 19.1314, -22.9721

Tritanomaly

27.0000, 13.3110, -22.8020

Monochromacy



Original Color

27.6980, 24.7989, -20.7831

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6980, 24.7989, -20.7831 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(4, 30, 78)` looks like.

```
.text, #text, p{  
    color:rgb(4, 30, 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(4, 30, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 30, 78) }
```

Border

The CSS property to change the border of an element to YUV 27.6980, 24.7989, -20.7831 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(4, 30, 78) }
```

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

```
.border{ border-color:rgb(4, 30, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 30, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 30, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 30, 78); box-shadow:4px  
4px 4px 4px rgb(4, 30, 78) }
```

Background

The CSS property to change the background color of an element to YUV 27.6980, 24.7989, -20.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 30, 78) }
```

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

```
.background{ background-color: rgb(4, 30,  
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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