

Converting Colors

YUV(27.7440, 14.9162,
-24.3315)

Have a look what the booklet for
YUV(27.7440, 14.9162, -24.3315)
contains.

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Color

**YUV(27.7440, 14.9162,
-24.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	00243A
RGB	0, 36, 58
RGB Percent	0%, 14%, 23%
CMY	1.0000, 0.8588, 0.7725
CMYK	1.00, 0.38, 0.00, 0.77
HSL	203°, 100%, 11%
HSV	203°, 100%, 23%
XYZ	1.3946, 1.5672, 4.2320
YIQ	27.7440, -28.5180, -0.7900

Conversions

Conversions Part 2

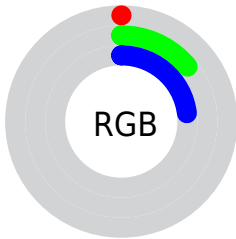
Format	Color
RYB	0, 22, 58
Decimal	9274
CIELab	13.03, -2.72, -17.70
CIELCh	13, 17.904, 261.265
Yxy	1.5672, 0.1939, 0.2179
Android (android.graphics.Color)	4278199354 (0xFF00243A)
YUV	27.7440, 14.9162, -24.3315
Hunter-Lab	12.5189, -2.0235, -11.2795

Details

The YUV color **27.7440, 14.9162, -24.3315** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **30.2560, -14.9162, 24.3315**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.7770, 14.8999, -19.0984**, and **2.0690, 5.3890, -1.8145** is the 20% darker color. If you saturate the color by 10%, you get **27.7440, 14.9162, -24.3315**, and if you desaturate by 10%, it is **30.7120, 13.4530, -21.6724**.

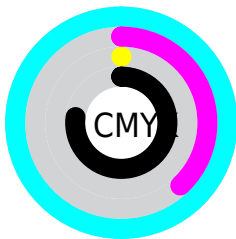
Distribution



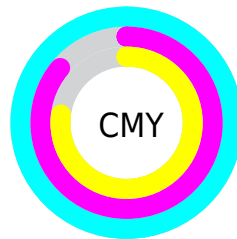
- Red (0%)
- Green (14%)
- Blue (23%)



- Red (0%)
- Yellow (9%)
- Blue (23%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (86%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.7440, 14.9162, -24.3315 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 27.7440, 14.9162, -24.3315 by changing the saturation by 10% instead.

■ 27.7440, 14.9162,
-24.3315

■ 27.7440, 14.9162,
-24.3315

■ 250.2160, 2.3585,
-9.8364

■ 12.3220, 11.6733,
-10.8064

■ 74.7770, 14.8999,
-19.0984

■ 2.0690, 5.3890,
-1.8145

■ 99.0050, 15.7735,
-19.2984

■ 0.0000, 0.0000,
0.0000

■ 124.1190, 16.2103,
-19.3984

■ 150.2330, 16.6471,
-19.4983

■ 177.2330, 16.6471,
-19.4983

■ 205.0480, 17.2313,

-20.2131

■ 231.5660, 11.5530,
-18.9134

■ 27.7440, 14.9162,
-24.3315

■ 30.7120, 13.4530,
-21.6724

■ 33.6800, 11.9898,
-19.0134

■ 36.9360, 10.3846,
-17.4839

■ 39.9040, 8.9213,
-14.8248

■ 42.8720, 7.4581,
-12.1657

■ 45.8400, 5.9949,
-9.5067

■ 48.8080, 4.5317,
-6.8476

■ 52.0640, 2.9264,
-5.3181

■ 55.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



28.9350, 11.8640, -25.3760



27.7440, 14.9162, -24.3315



33.6540, 11.5096, -4.9586

Triad

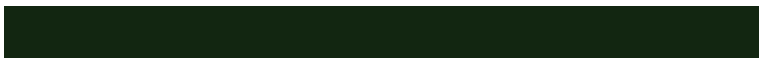
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.7440, 14.9162, -24.3315



33.9810, -4.4276, 20.1877



29.6260, -6.2246, -10.1960

Complementary

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



27.7440, 14.9162, -24.3315



30.2560, -14.9162, 24.3315

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.



31.6830, -12.6617, 1.1550



27.7440, 14.9162, -24.3315



33.1780, -9.9478, 17.3839

Square

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



27.7440, 14.9162, -24.3315



34.2780, 1.8349, 18.1732



32.6950, -14.1466, 10.7915



26.7860, 1.0915, -23.4913

Rectangle

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



27.7440, 14.9162, -24.3315



34.6230, 8.5669, 5.5926



32.6950, -14.1466, 10.7915



30.6650, -8.7088, -6.7222

Sweetspot

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



27.7440, 14.9162, -24.3315



64.8400, 5.9949, -9.5067



36.4400, -7.6119, -31.9579



30.8790, 3.5107, -6.0329



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



27.7440, 14.9162, -24.3315



36.3670, 20.0321, -31.8939



11.3080, 23.0192, -9.9171



26.5160, 0.7316, -1.3295



43.9470, 23.6901, -38.5415



104.7980, 56.3016, -91.9078

Inverse Universe

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



21.4460, 7.1751, 32.0579



28.3810, 9.1792, 42.6389



46.6920, -23.0192, 9.9171



26.1250, 0.4314, 1.6444



34.0060, 11.3360, 50.8607



80.9850, 27.1224, 121.0392

Previews

White Background



This preview shows how the YUV color 27.7440, 14.9162, -24.3315 looks on a white background.

Color Contrast Check

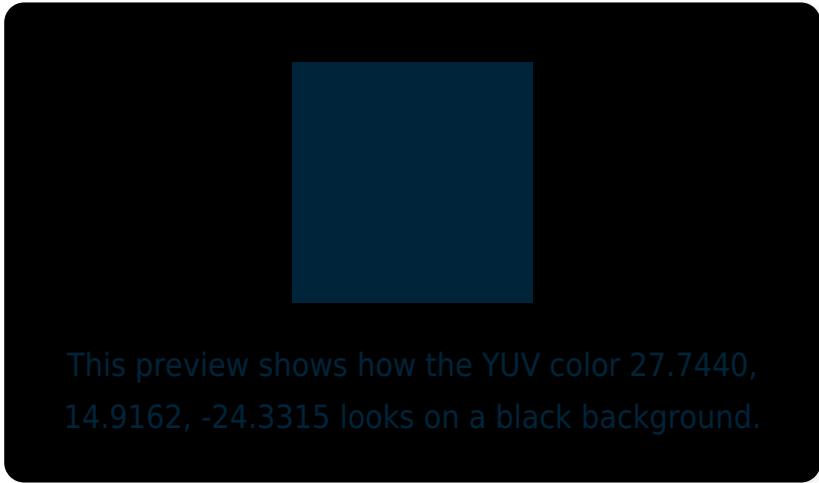
Large Text (above 18pt) WCAG AA ✓ Pass

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

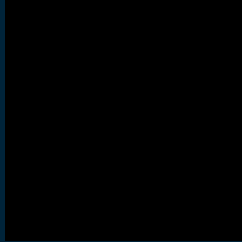
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.7440, 14.9162, -24.3315

Background



This preview shows how black text looks on a background with the YUV color 27.7440, 14.9162, -24.3315.



This preview shows how white text looks on a background with the YUV color 27.7440, 14.9162,

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

34.1160, 10.7888, -7.1177

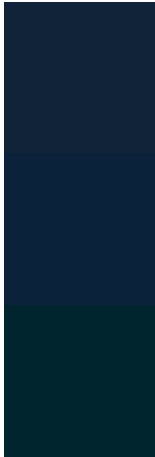
Deuteranopia

32.5390, 12.5523, -12.7507

Tritanopia

26.9800, 6.9119, -23.6615

Trichromacy



Protanomaly

32.1260, 12.2629, -13.2655

Deuteranomaly

30.4460, 13.5841, -17.0541

Tritanomaly

27.0770, 9.8220, -23.7465

Monochromacy



Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.0250, 5.4107, -8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.7440, 14.9162, -24.3315 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, 36, 58)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 58)  
}
```

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, 36, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 58) }
```

Border

The CSS property to change the border of an element to YUV 27.7440, 14.9162, -24.3315 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, 36, 58) }
```

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

```
.border{ border-color:rgb(0, 36, 58) }
```

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

Here you see how a box with a 4 pixel rgb(0, 36, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 36, 58); box-shadow:4px  
4px 4px 4px rgb(0, 36, 58) }
```


Background

The CSS property to change the background color of an element to YUV 27.7440, 14.9162, -24.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 58) }
```

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

```
.background{ background-color: rgb(0, 36,  
58) }
```

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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