

Converting Colors

YUV(30.7590, 18.8528,
-26.9756)

Have a look what the booklet for
YUV(30.7590, 18.8528, -26.9756)
contains.

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Color

**YUV(30.7590, 18.8528,
-26.9756)**

Conversions

Conversions Part 1

Format	Color
Hex	002745
RGB	0, 39, 69
RGB Percent	0%, 15%, 27%
CMY	1.0000, 0.8471, 0.7294
CMYK	1.00, 0.43, 0.00, 0.73
HSL	206°, 100%, 14%
HSV	206°, 100%, 27%
XYZ	1.7997, 1.8807, 5.8984
YIQ	30.7590, -32.8740, 1.0620

Conversions

Conversions Part 2

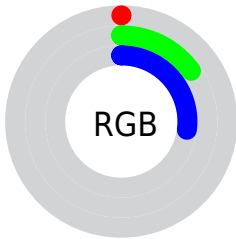
Format	Color
R_{YB}	0, 25, 69
Decimal	10053
CIE Lab	14.85, 0.30, -22.49
CIE LCh	15, 22.491, 270.765
Yxy	1.8807, 0.1879, 0.1963
Android (android.graphics.Color)	4278200133 (0xFF002745)
YUV	30.7590, 18.8528, -26.9756
Hunter-Lab	13.7139, -0.5745, -15.9011

Details

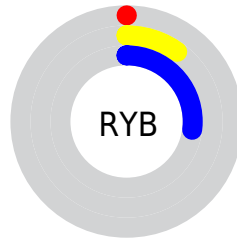
The YUV color **30.7590, 18.8528, -26.9756** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **38.2410, -18.8528, 26.9756**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.8030, 18.8311, -19.9982**, and **3.5510, 11.0674, -3.1142** is the 20% darker color. If you saturate the color by 10%, you get **30.7590, 18.8528, -26.9756**, and if you desaturate by 10%, it is **34.6130, 16.9528, -24.2166**.

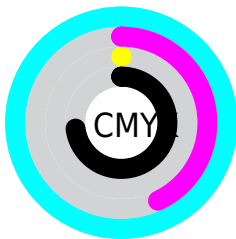
Distribution



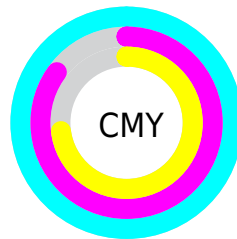
- Red (0%)
- Green (15%)
- Blue (27%)



- Red (0%)
- Yellow (10%)
- Blue (27%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.7590, 18.8528, -26.9756 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 30.7590, 18.8528, -26.9756 by changing the saturation by 10% instead.

■ 30.7590, 18.8528,
-26.9756

■ 30.7590, 18.8528,
-26.9756

■ 252.0100, 1.4741,
-6.1478

■ 15.9240, 15.3205,
-13.9653

■ 79.8030, 18.8311,
-19.9982

■ 3.5510, 11.0674,
-3.1142

■ 104.2160, 19.1205,
-19.4834

■ 0.0000, 0.0000,
0.0000

■ 129.4440, 19.9941,
-19.6834

■ 155.8570, 20.2835,
-19.1686

■ 182.9710, 20.7203,
-19.2686

■ 210.7860, 21.3045,

-19.9833

■ 235.7080, 9.5110,
-17.2839

■ 30.7590, 18.8528,
-26.9756

■ 34.6130, 16.9528,
-24.2166

■ 38.4670, 15.0528,
-21.4576

■ 42.3210, 13.1527,
-18.6985

■ 46.1750, 11.2527,
-15.9395

■ 50.0290, 9.3527,
-13.1804

■ 53.5840, 7.6001,
-11.0362

■ 57.4380, 5.7001,
-8.2771

■ 61.2920, 3.8000,
-5.5181

■ 65.1460, 1.9000,
-2.7590

Harmonies

Analogous

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



32.6510, 15.9481, -28.6349



30.7590, 18.8528, -26.9756



38.1430, 13.2405, -0.1254

Triad

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



30.7590, 18.8528, -26.9756



36.6180, -7.2067, 24.8910



30.0160, -4.4449, -21.0620

Complementary

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



30.7590, 18.8528, -26.9756



38.2410, -18.8528, 26.9756

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.



33.6070, -14.1033, -3.1633



30.7590, 18.8528, -26.9756



36.2230, -14.8999, 19.0984

Square

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



30.7590, 18.8528, -26.9756



37.2680, 0.3609, 24.3210



35.4730, -17.4882, 9.2322



30.6330, 3.1389, -26.8651

Rectangle

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



30.7590, 18.8528, -26.9756



39.1830, 9.2768, 11.2405



35.4730, -17.4882, 9.2322



31.8490, -7.8136, -13.8996

Sweetspot

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



30.7590, 18.8528, -26.9756



74.4700, 7.1633, -10.9362



43.9230, -6.8640, -38.5205



36.8080, 4.5317, -6.8476



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.



30.7590, 18.8528, -26.9756



39.4960, 24.4055, -34.6380



10.8010, 28.6921, -9.4725



33.6300, 1.1684, -1.4295



44.1580, 27.0371, -38.7266



101.0140, 62.1111, -88.5893

Inverse Universe

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



25.0770, 6.8640, 38.5205



32.3110, 8.7207, 49.7163



58.1990, -28.6921, 9.4725



33.4240, 0.2840, 2.2592



35.9850, 9.8674, 55.2642



82.4650, 22.4488, 126.7572

Previews

White Background



This preview shows how the YUV color 30.7590, 18.8528, -26.9756 looks on a white background.

Color Contrast Check

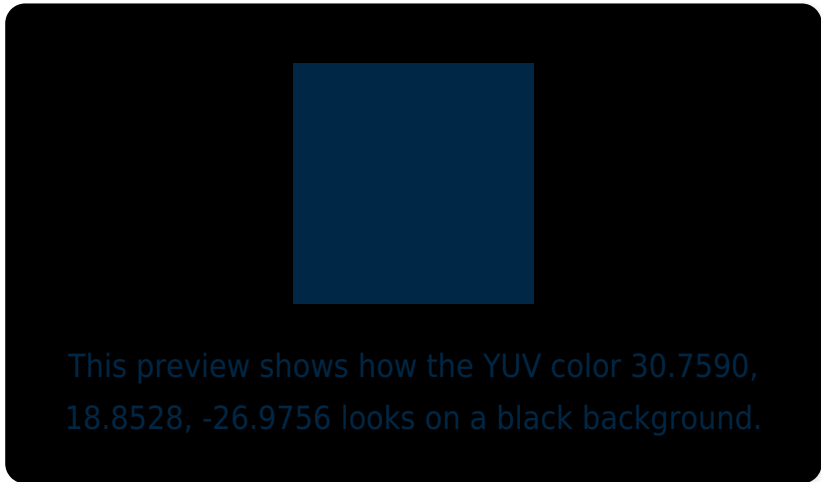
Large Text (above 18pt) WCAG AA ✓ Pass

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

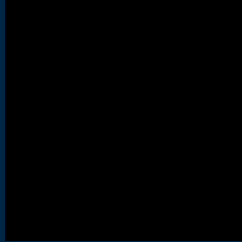
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.7590, 18.8528, -26.9756

Background



This preview shows how black text looks on a background with the YUV color 30.7590, 18.8528, -26.9756.



This preview shows how white text looks on a background with the YUV color 30.7590, 18.8528,

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

30.7590, 18.8528, -26.9756

Protanopia

36.8320, 14.8728, -10.3767

Deuteranopia

31.9550, 18.2632, -24.5165



Tritanopia

30.3710, 7.2121, -26.6354

Trichromacy



Original Color

30.7590, 18.8528, -26.9756

Protanomaly

34.8420, 16.3469, -16.5244

Deuteranomaly

31.6560, 18.4106, -25.1313

Tritanomaly

30.8100, 11.4327, -27.0204

Monochromacy



Original Color

30.7590, 18.8528, -26.9756

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0680, 6.8685, -9.7066

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.7590, 18.8528, -26.9756 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, 39, 69)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 69)  
}
```

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, 39, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 69) }
```

Border

The CSS property to change the border of an element to YUV 30.7590, 18.8528, -26.9756 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, 39, 69) }
```


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

```
.border{ border-color:rgb(0, 39, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 39, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 69); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 39, 69); box-shadow:4px  
4px 4px 4px rgb(0, 39, 69) }
```

Background

The CSS property to change the background color of an element to YUV 30.7590, 18.8528, -26.9756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 69) }
```

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

```
.background{ background-color: rgb(0, 39,  
69) }
```

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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