

Converting Colors

YUV(40.4240, 50.5700,
-26.6818)

Have a look what the booklet for
YUV(40.4240, 50.5700, -26.6818)
contains.

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Color

**YUV(40.4240, 50.5700,
-26.6818)**

Conversions

Conversions Part 1

Format	Color
Hex	0A248F
RGB	10, 36, 143
RGB Percent	4%, 14%, 56%
CMY	0.9608, 0.8588, 0.4392
CMYK	0.93, 0.75, 0.00, 0.44
HSL	228°, 87%, 30%
HSV	228°, 93%, 56%
XYZ	5.7140, 3.3095, 26.3242
YIQ	40.4240, -49.8430, 27.7650

Conversions

Conversions Part 2

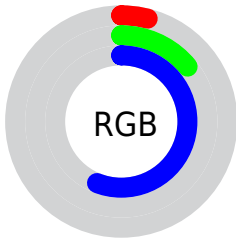
Format	Color
R_{YB}	10, 32, 143
Decimal	664719
CIE _{Lab}	21.24, 35.34, -60.38
CIE _{LCh}	21, 69.964, 300.340
Yxy	3.3095, 0.1617, 0.0936
Android (android.graphics.Color)	4278854799 (0xFF0A248F)
YUV	40.4240, 50.5700, -26.6818
Hunter-Lab	18.1919, 24.2300, -73.0601

Details

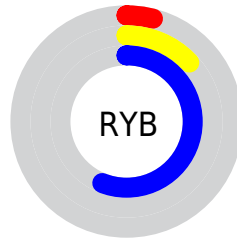
The YUV color **40.4240, 50.5700, -26.6818** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **112.5760, -50.5700, 26.6818**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1320, 50.2209, -8.0088**, and **10.3740, 39.7486, -9.0980** is the 20% darker color. If you saturate the color by 10%, you get **32.7380, 54.3592, -28.7112**, and if you desaturate by 10%, it is **51.6540, 45.0336, -24.2526**.

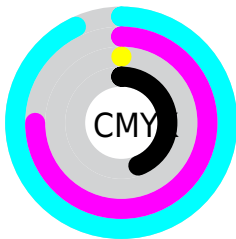
Distribution



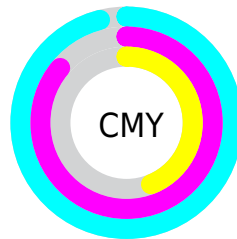
- Red (4%)
- Green (14%)
- Blue (56%)



- Red (4%)
- Yellow (13%)
- Blue (56%)



- Cyan (93%)
- Magenta (75%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (86%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.4240, 50.5700, -26.6818 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 40.4240, 50.5700, -26.6818 by changing the saturation by 10% instead.

■ 40.4240, 50.5700,
-26.6818

■ 40.4240, 50.5700,
-26.6818

■ 255.0000, 0.0000,
0.0000

■ 22.7300, 46.4751,
-19.9342

■ 96.1320, 50.2209,
-8.0088

■ 10.3740, 39.7486,
-9.0980

■ 122.6700, 50.9417,
-5.8496

■ 11.7470, 27.2397,
-10.3021

■ 149.3220, 52.0993,
-3.7904

■ 6.7770, 18.3509,
-5.9434

■ 173.2550, 40.3003,
0.6534

■ 3.0950, 9.3202,
-2.7143

■ 198.0740, 28.0645,
5.1971

■ 0.0000, 0.0000,
0.0000

■ 223.4800, 15.5394,

9.2260

246.1950, 4.3409,
7.7220

40.4240, 50.5700,
-26.6818

40.4240, 50.5700,
-26.6818

32.7380, 54.3592,
-28.7112

51.6540, 45.0336,
-24.2526

62.5960, 39.6392,
-20.6937

73.8260, 34.1028,
-18.2644

84.4690, 28.8558,
-15.3203

95.6990, 23.3194,
-12.8910

■ 106.6410, 17.9250,
-9.3322

■ 117.8710, 12.3886,
-6.9029

■ 128.5140, 7.1416,
-3.9588

■ 140.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



53.2320, 51.6506, -46.6845



40.4240, 50.5700, -26.6818



44.0340, 29.0702, 56.0982

Triad

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



40.4240, 50.5700, -26.6818



42.8250, -21.1127, 51.8965



45.6160, 2.1613, -40.0052

Complementary

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



40.4240, 50.5700, -26.6818



112.5760, -50.5700, 26.6818

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.



38.7420, -19.0998, -33.9767



40.4240, 50.5700, -26.6818



48.1870, -23.7562, 12.9910

Square

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



40.4240, 50.5700, -26.6818



38.2720, -18.8681, 78.6915



36.3940, -17.9422, -31.9175



52.2450, 25.0222, -45.8189

Rectangle

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



40.4240, 50.5700, -26.6818



46.2520, 11.7078, 71.6930



36.3940, -17.9422, -31.9175



43.5640, -5.7011, -38.2056

Sweetspot

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



40.4240, 50.5700, -26.6818



145.7980, 19.8196, -10.3468



100.1550, 7.8116, -79.0659



69.7570, 11.9518, -6.8029



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



40.4240, 50.5700, -26.6818



42.3360, 70.8264, -37.1287



37.1220, 52.1979, 11.2940



65.9720, 2.4788, -1.7294



30.6520, 51.4436, -26.8818



1.4990, 3.2050, -1.3146

Inverse Universe

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



52.7310, -8.2484, 79.1659



59.7180, -11.6930, 110.7493



115.8780, -52.1979, -11.2940



66.3210, -0.1583, 4.1035



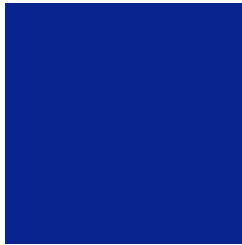
43.3290, -8.5432, 80.3955



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 40.4240, 50.5700, -26.6818 looks on a white background.

Color Contrast Check

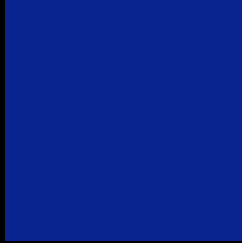
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 40.4240, 50.5700, -26.6818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

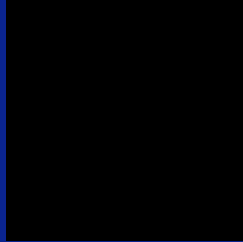
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.4240, 50.5700, -26.6818

Background



This preview shows how black text looks on a background with the YUV color 40.4240, 50.5700, -26.6818.



This preview shows how white text looks on a background with the YUV color 40.4240, 50.5700,

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

40.4240, 50.5700, -26.6818

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.2570, 23.5373, -36.1824



Tritanopia

40.8860, 9.4232, -35.8570

Trichromacy



Original Color

40.4240, 50.5700, -26.6818

Protanomaly

41.1770, 38.3667, -32.6042

Deuteranomaly

41.2110, 33.4200, -32.6340

Tritanomaly

40.8060, 24.2526, -32.2789

Monochromacy



Original Color

40.4240, 50.5700, -26.6818

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.3420, 18.0724, -9.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.4240, 50.5700, -26.6818 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(10, 36, 143)` looks like.

```
.text, #text, p{  
    color:rgb(10, 36, 143)  
}
```

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(10, 36, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 36, 143) }
```

Border

The CSS property to change the border of an element to YUV 40.4240, 50.5700, -26.6818 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(10, 36, 143) }
```


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

```
.border{ border-color:rgb(10, 36, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 36, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 36, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 36, 143);  
box-shadow:4px 4px 4px 4px rgb(10, 36,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 40.4240, 50.5700, -26.6818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 36, 143) }
```

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

```
.background{ background-color: rgb(10, 36,  
143) }
```

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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