

Converting Colors

YUV(45.5740, 26.3390, -1.3804)

Have a look what the booklet for
YUV(45.5740, 26.3390, -1.3804)
contains.

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Color

**YUV(45.5740, 26.3390,
-1.3804)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2463
RGB	44, 36, 99
RGB Percent	17%, 14%, 39%
CMY	0.8275, 0.8588, 0.6118
CMYK	0.56, 0.64, 0.00, 0.61
HSL	248°, 47%, 26%
HSV	248°, 64%, 39%
XYZ	3.9217, 2.6981, 12.1185
YIQ	45.5740, -15.4550, 21.2890

Conversions

Conversions Part 2

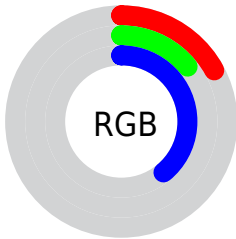
Format	Color
RYB	44, 36, 99
Decimal	2892899
CIELab	18.79, 22.81, -36.22
CIELCh	19, 42.803, 302.204
Yxy	2.6981, 0.2093, 0.1440
Android (android.graphics.Color)	4281082979 (0xFF2C2463)
YUV	45.5740, 26.3390, -1.3804
Hunter-Lab	16.4258, 13.8722, -32.2442

Details

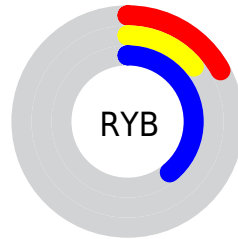
The YUV color **45.5740, 26.3390, -1.3804** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.4260, -26.3390, 1.3804**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.0520, 28.0754, 1.7084**, and **5.9280, 22.7135, -5.1989** is the 20% darker color. If you saturate the color by 10%, you get **37.0130, 30.5596, -1.7654**, and if you desaturate by 10%, it is **54.1350, 22.1184, -0.9954**.

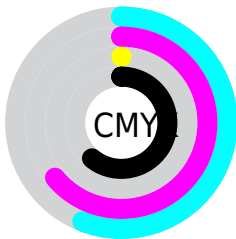
Distribution



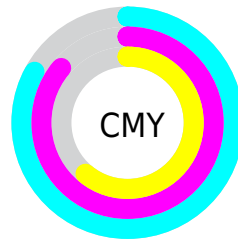
- Red (17%)
- Green (14%)
- Blue (39%)



- Red (17%)
- Yellow (14%)
- Blue (39%)



- Cyan (56%)
- Magenta (64%)
- Yellow (0%)
- Black (61%)



- Cyan (83%)
- Magenta (86%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5740, 26.3390, -1.3804 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 45.5740, 26.3390, -1.3804 by changing the saturation by 10% instead.

■ 45.5740, 26.3390,
-1.3804

■ 45.5740, 26.3390,
-1.3804

■ 255.0000, 0.0000,
0.0000

■ 22.7260, 25.7711,
-5.8987

■ 93.0520, 28.0754,
1.7084

■ 5.9280, 22.7135,
-5.1989

■ 117.9920, 29.0909,
2.6380

■ 4.5940, 12.5252,
-4.0289

■ 144.5190, 29.8171,
3.0528

■ 0.0000, 0.0000,
0.0000

■ 171.0460, 30.5433,
3.4677

■ 197.7750, 28.2119,
4.5823

■ 222.2950, 16.1236,

8.5113

246.1950, 4.3409,
7.7220

45.5740, 26.3390,
-1.3804

45.5740, 26.3390,
-1.3804

37.0130, 30.5596,
-1.7654

54.1350, 22.1184,
-0.9954

28.7510, 34.6328,
-1.5356

62.3970, 18.0453,
-1.2252

20.1900, 38.8533,
-1.9206

70.9580, 13.8247,
-0.8402

15.1730, 41.3267,
-1.9057

79.5190, 9.6041,
-0.4552

87.7810, 5.5310,
-0.6849

■ 95.7550, 1.5998,
0.2149

■ 104.3160, -2.6208,
0.5999

■ 112.5780, -6.6940,
0.3701

■ 121.1390,
-10.9145, 0.7551

Harmonies

Analogous

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



41.1890, 33.4308, -36.1228



45.5740, 26.3390, -1.3804



42.1720, 16.1842, 35.8062

Triad

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



45.5740, 26.3390, -1.3804



42.7040, -21.0531, 32.7086



39.4040, 3.7448, -34.5573

Complementary

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



45.5740, 26.3390, -1.3804



89.4260, -26.3390, 1.3804

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.



35.0550, -10.3801, -30.7432



45.5740, 26.3390, -1.3804



43.1590, -21.2774, 11.2616

Square

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



45.5740, 26.3390, -1.3804



36.4580, -11.0718, 51.3413



38.2870, -18.8755, -12.5297



42.9380, 17.2856, -37.6566

Rectangle

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



45.5740, 26.3390, -1.3804



34.6750, 10.0202, 52.9050



38.2870, -18.8755, -12.5297



38.1500, -1.0599, -33.4575

Sweetspot

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



45.5740, 26.3390, -1.3804



106.7470, 10.4777, -0.6551



76.0540, 11.3124, -35.1274



51.3080, 6.2572, -0.2701



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



45.5740, 26.3390, -1.3804



45.6460, 40.6005, -2.3205



54.8430, 21.7694, 17.6777



44.4560, 1.7472, -0.3999



16.9540, 46.8577, -2.5907



36.3300, 100.4093, -5.5514

Inverse Universe

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



61.1070, 14.7372, 33.2322



69.5790, 22.3926, 51.2352



80.1570, -21.7694, -17.6777



45.6520, 1.1576, 2.0592



44.6600, 26.2966, 59.0572



95.5860, 55.9131, 126.6511

Previews

White Background



This preview shows how the YUV color 45.5740, 26.3390, -1.3804 looks on a white background.

Color Contrast Check

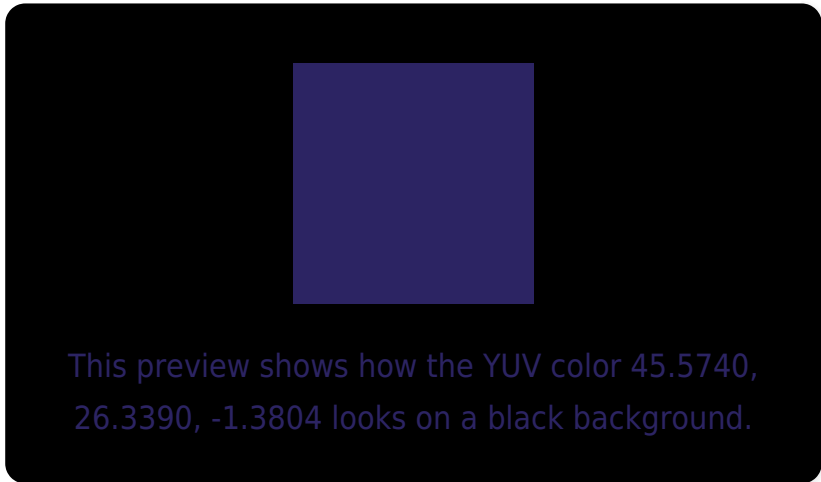
Large Text (above 18pt) WCAG AA ✓ Pass

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

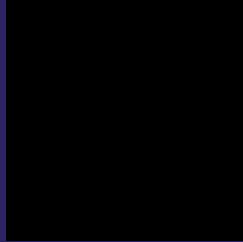
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.5740, 26.3390, -1.3804

Background



This preview shows how black text looks on a background with the YUV color 45.5740, 26.3390, -1.3804.



This preview shows how white text looks on a background with the YUV color 45.5740, 26.3390,

-1.3804.

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

45.5740, 26.3390, -1.3804

Protanopia

36.5440, 28.3258, -32.0491

Deuteranopia

36.8230, 21.7793, -32.2938



Tritanopia

42.8780, 4.9901, -13.9250

Trichromacy



Original Color

45.5740, 26.3390, -1.3804

Protanomaly

39.7950, 27.7091, -20.8682

Deuteranomaly

40.0570, 23.6359, -21.0980

Tritanomaly

43.6750, 12.9782, -9.3620

Monochromacy



Original Color

45.5740, 26.3390, -1.3804

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.5190, 9.6041, -0.4552

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5740, 26.3390, -1.3804 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(44, 36, 99)` looks like.

```
.text, #text, p{  
    color:rgb(44, 36, 99)  
}
```

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(44, 36, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 36, 99) }
```

Border

The CSS property to change the border of an element to YUV 45.5740, 26.3390, -1.3804 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(44, 36, 99) }
```


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

```
.border{ border-color:rgb(44, 36, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 36, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 36, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 36, 99);  
box-shadow:4px 4px 4px 4px rgb(44, 36, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.5740, 26.3390, -1.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 36, 99) }
```

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

```
.background{ background-color: rgb(44, 36,  
99) }
```

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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