

Converting Colors

YUV(80.3760, 26.4366,
-32.7788)

Have a look what the booklet for
YUV(80.3760, 26.4366, -32.7788)
contains.

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Color

**YUV(80.3760, 26.4366,
-32.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	2B5986
RGB	43, 89, 134
RGB Percent	17%, 35%, 53%
CMY	0.8314, 0.6510, 0.4745
CMYK	0.68, 0.34, 0.00, 0.47
HSL	210°, 51%, 35%
HSV	210°, 68%, 53%
XYZ	8.8717, 9.3796, 23.8971
YIQ	80.3760, -41.8610, 4.2430

Conversions

Conversions Part 2

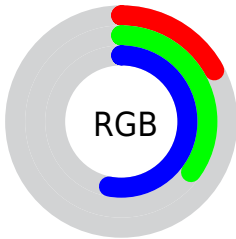
Format	Color
R_{YB}	43, 74, 134
Decimal	2840966
CIE _{Lab}	36.71, -0.37, -29.77
CIE _{LCh}	37, 29.772, 269.291
Yxy	9.3796, 0.2105, 0.2225
Android (android.graphics.Color)	4281031046 (0xFF2B5986)
YUV	80.3760, 26.4366, -32.7788
Hunter-Lab	30.6261, -1.8881, -24.8249




Details

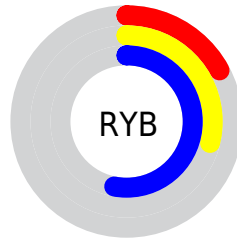
The YUV color **80.3760, 26.4366, -32.7788** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96.6240, -26.4366, 32.7788**, and the grayscale version is **80.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **132.5120, 26.8626, -29.3900**, and **35.4040, 23.9578, -31.0493** is the 20% darker color. If you saturate the color by 10%, you get **72.3800, 30.3787, -37.1673**, and if you desaturate by 10%, it is **88.3720, 22.4946, -28.3902**.

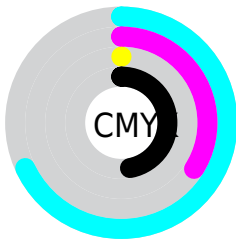
Distribution







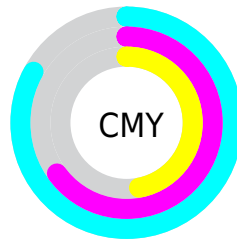
-  Red (17%)
-  Green (35%)
-  Blue (53%)






-  Red (17%)
-  Yellow (29%)
-  Blue (53%)



-  Cyan (68%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (83%)
-  Magenta (65%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.3760, 26.4366, -32.7788 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 80.3760, 26.4366, -32.7788 by changing the saturation by 10% instead.

80.3760, 26.4366,
-32.7788

80.3760, 26.4366,
-32.7788

255.0000, 0.0000,
0.0000

52.0650, 28.0690,
-43.0300

132.5120, 26.8626,
-29.3900

35.4040, 23.9578,
-31.0493

159.0390, 27.5888,
-28.9752

21.0420, 19.6993,
-18.4538

186.2670, 28.4624,
-29.1752

6.2070, 16.1669,
-5.4435

212.6280, 20.8894,
-26.8608

2.4110, 6.6994,
-2.1144

237.4360, 8.6591,
-24.0614

0.0000, 0.0000,
0.0000

250.2160, 2.3585,

-9.8364

■ 80.3760, 26.4366,
-32.7788

■ 80.3760, 26.4366,
-32.7788

■ 72.3800, 30.3787,
-37.1673

■ 88.3720, 22.4946,
-28.3902

■ 64.6720, 34.1787,
-42.6853

■ 96.0800, 18.6946,
-22.8722

■ 56.6760, 38.1207,
-47.0739

■ 104.0760, 14.7525,
-18.4837

■ 55.1920, 38.8523,
-48.4034

■ 112.3710, 10.6631,
-13.4804

■ 119.7800, 7.0105,
-8.5771

■ 127.7760, 3.0684,
-4.1886

■ 135.4840, -0.7316,
1.3295

■ 143.4800, -4.6736,
5.7180

■ 151.7750, -8.7631,
10.7213

Harmonies

Analogous

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



70.2430, 27.9812, -61.6031



80.3760, 26.4366, -32.7788



87.5650, 19.9345, -0.4955

Triad

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



80.3760, 26.4366, -32.7788



86.9680, -11.3232, 38.6161



77.3590, -8.0650, -26.6248

Complementary

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



80.3760, 26.4366, -32.7788



96.6240, -26.4366, 32.7788

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.



81.9290, -19.1920, -4.3227



80.3760, 26.4366, -32.7788



85.7360, -19.5898, 30.0495

Square

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



80.3760, 26.4366, -32.7788



87.6440, 0.1755, 37.1462



84.3120, -23.3248, 14.6354



67.8030, 8.4781, -59.4632

Rectangle

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



80.3760, 26.4366, -32.7788



89.1820, 14.2073, 16.5034



84.3120, -23.3248, 14.6354



79.2630, -12.4547, -18.6477

Sweetspot

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



80.3760, 26.4366, -32.7788



152.8550, 9.9315, -12.1508



101.4330, -7.1155, -51.2457



74.2640, 6.2788, -7.2475



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



80.3760, 26.4366, -32.7788



90.6370, 40.6050, -50.5476



54.5480, 39.1698, -10.1276



62.4450, 1.7526, -2.1443



53.5620, 37.6839, -46.9739



0.9290, 1.0210, -0.8147

Inverse Universe

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



75.4530, 6.6787, 51.3457



82.9540, 10.3757, 78.9703



122.4520, -39.1698, 10.1276



62.1360, 0.4260, 3.3887



46.3940, 9.6658, 73.3225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 80.3760, 26.4366, -32.7788 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 80.3760, 26.4366, -32.7788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

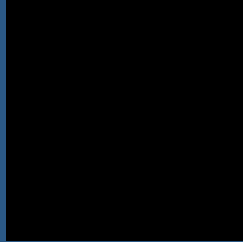
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.3760, 26.4366, -32.7788

Background



This preview shows how black text looks on a background with the YUV color 80.3760, 26.4366, -32.7788.

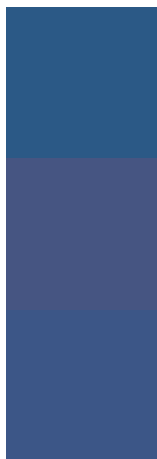


This preview shows how white text looks on a background with the YUV color 80.3760, 26.4366, -32.7788.

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

80.3760, 26.4366, -32.7788

Protanopia

85.6450, 21.8670, -13.7207

Deuteranopia

83.8120, 25.2357, -20.8831



Tritanopia

73.7860, 14.4025, -46.2933

Trichromacy



Original Color

80.3760, 26.4366, -32.7788

Protanomaly

83.3560, 23.4885, -20.4832

Deuteranomaly

82.6050, 25.8307, -25.0866

Tritanomaly

76.2580, 18.6068, -41.4453

Monochromacy



Original Color

80.3760, 26.4366, -32.7788

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1540, 9.7841, -11.5361

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.3760, 26.4366, -32.7788 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(43, 89, 134)` looks like.

```
.text, #text, p{  
    color:rgb(43, 89, 134)  
}
```

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(43, 89, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 89, 134) }
```

Border

The CSS property to change the border of an element to YUV 80.3760, 26.4366, -32.7788 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(43, 89, 134) }
```


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

```
.border{ border-color:rgb(43, 89, 134) }
```

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

Here you see how a box with a 4 pixel rgb(43, 89, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 89, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 89, 134);  
box-shadow:4px 4px 4px 4px rgb(43, 89,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 80.3760, 26.4366, -32.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 89, 134) }
```

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

```
.background{ background-color: rgb(43, 89,  
134) }
```

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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