

Converting Colors

YUV(80.4290, 32.8195,
-26.6862)

Have a look what the booklet for
YUV(80.4290, 32.8195, -26.6862)
contains.

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Color

**YUV(80.4290, 32.8195,
-26.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	325393
RGB	50, 83, 147
RGB Percent	20%, 33%, 58%
CMY	0.8039, 0.6745, 0.4235
CMYK	0.66, 0.44, 0.00, 0.42
HSL	220°, 49%, 39%
HSV	220°, 66%, 58%
XYZ	9.6751, 8.9712, 28.8254
YIQ	80.4290, -40.2120, 12.9080

Conversions

Conversions Part 2

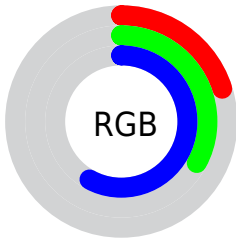
Format	Color
R_{YB}	50, 75, 147
Decimal	3298195
CIE _{Lab}	35.93, 9.63, -38.89
CIE _{LCh}	36, 40.062, 283.905
Yxy	8.9712, 0.2038, 0.1890
Android (android.graphics.Color)	4281488275 (0xFF325393)
YUV	80.4290, 32.8195, -26.6862
Hunter-Lab	29.9520, 5.2433, -36.0937




Details

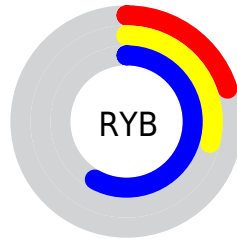
The YUV color **80.4290, 32.8195, -26.6862** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **116.5710, -32.8195, 26.6862**, and the grayscale version is **80.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **132.0920, 33.9716, -22.8827**, and **33.8370, 30.6464, -29.6750** is the 20% darker color. If you saturate the color by 10%, you get **70.0740, 37.9245, -30.7599**, and if you desaturate by 10%, it is **90.7840, 27.7145, -22.6126**.

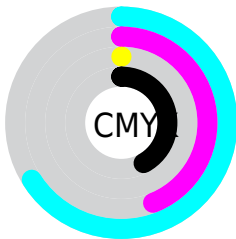
Distribution







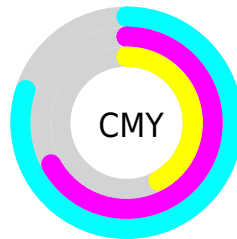
-  Red (20%)
-  Green (33%)
-  Blue (58%)






-  Red (20%)
-  Yellow (29%)
-  Blue (58%)



-  Cyan (66%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (80%)
-  Magenta (67%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4290, 32.8195, -26.6862 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 80.4290, 32.8195, -26.6862 by changing the saturation by 10% instead.

■ 80.4290, 32.8195,
-26.6862

■ 80.4290, 32.8195,
-26.6862

■ 255.0000, 0.0000,
0.0000

■ 52.9010, 33.5728,
-34.9932

■ 132.0920, 33.9716,
-22.8827

■ 33.8370, 30.6464,
-29.6750

■ 159.0320, 34.9872,
-21.9531

■ 19.3610, 25.9510,
-16.9796

■ 186.1030, 33.9662,
-21.1383

■ 7.9340, 20.2455,
-6.9581

■ 210.3240, 22.0253,
-17.8241

■ 3.6650, 11.5042,
-3.2142

■ 236.0180, 9.3581,
-14.9248

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,

-4.3034

■ 80.4290, 32.8195,
-26.6862

■ 80.4290, 32.8195,
-26.6862

■ 70.0740, 37.9245,
-30.7599

■ 90.7840, 27.7145,
-22.6126

■ 60.6050, 42.5927,
-34.7336

■ 100.2530, 23.0463,
-18.6389

■ 50.2500, 47.6977,
-38.8073

■ 110.6080, 17.9413,
-14.5652

■ 46.1080, 49.7398,
-40.4367

■ 120.9630, 12.8362,
-10.4916

■ 130.4320, 8.1680,
-6.5179

■ 140.7870, 3.0630,
-2.4442

■ 151.1420, -2.0420,
1.6295

■ 161.4970, -7.1470,
5.7031

■ 170.9660,
-11.8152, 9.6768

Harmonies

Analogous

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



71.2350, 36.8591, -62.4731



80.4290, 32.8195, -26.6862



86.8320, 21.7748, 15.9333

Triad

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



80.4290, 32.8195, -26.6862



82.6070, -20.5123, 45.9487



65.6370, 0.1790, -57.5636

Complementary

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



80.4290, 32.8195, -26.6862



116.5710, -32.8195, 26.6862

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.



75.0040, -19.7220, -21.0515



80.4290, 32.8195, -26.6862



81.7500, -30.9357, 29.1603

Square

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



80.4290, 32.8195, -26.6862



83.1360, -5.9830, 52.5007



79.2650, -32.1756, 6.7836



69.9860, 14.3039, -61.3777

Rectangle

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



80.4290, 32.8195, -26.6862



86.6620, 12.9846, 35.3764



79.2650, -32.1756, 6.7836



64.0950, -4.4838, -55.3343

Sweetspot

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



80.4290, 32.8195, -26.6862



164.9630, 12.8362, -10.4916



114.1210, -0.5527, -56.2341



81.3180, 7.7312, -6.4179



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



80.4290, 32.8195, -26.6862



87.7380, 50.9082, -41.8662



65.5430, 40.1583, -0.4762



68.9720, 2.4788, -1.7294



43.3210, 46.6767, -37.9925



2.9010, 3.4998, -2.5442

Inverse Universe

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



82.7650, 0.1159, 56.3341



91.0770, 0.4550, 87.6325



131.4570, -40.1583, 0.4762



69.3210, -0.1583, 4.1035



46.6200, 0.1873, 80.1403



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 80.4290, 32.8195, -26.6862 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 80.4290, 32.8195, -26.6862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

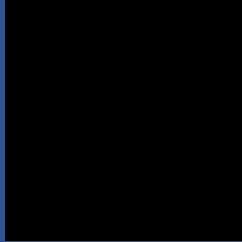
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4290, 32.8195, -26.6862

Background



This preview shows how black text looks on a background with the YUV color 80.4290, 32.8195, -26.6862.



This preview shows how white text looks on a background with the YUV color 80.4290, 32.8195,

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

80.4290, 32.8195, -26.6862

Protanopia

81.5220, 31.7877, -22.3828

Deuteranopia

76.7050, 34.1624, -37.4523



Tritanopia

71.7860, 14.4025, -46.2933

Trichromacy



Original Color

80.4290, 32.8195, -26.6862

Protanomaly

80.9240, 32.0825, -23.6123

Deuteranomaly

77.9120, 33.5674, -33.2488

Tritanomaly

74.6650, 21.3642, -39.1712

Monochromacy



Original Color

80.4290, 32.8195, -26.6862

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0340, 11.8152, -9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4290, 32.8195, -26.6862 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(50, 83, 147)` looks like.

```
.text, #text, p{  
    color:rgb(50, 83, 147)  
}
```

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(50, 83, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 83, 147) }
```

Border

The CSS property to change the border of an element to YUV 80.4290, 32.8195, -26.6862 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(50, 83, 147) }
```


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

```
.border{ border-color:rgb(50, 83, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 83, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 83, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 83, 147);  
box-shadow:4px 4px 4px 4px rgb(50, 83,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 80.4290, 32.8195, -26.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 83, 147) }
```

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

```
.background{ background-color: rgb(50, 83,  
147) }
```

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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