

Converting Colors

YUV(80.7500, 12.4482,
-26.0907)

Have a look what the booklet for
YUV(80.7500, 12.4482, -26.0907)
contains.

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Color

**YUV(80.7500, 12.4482,
-26.0907)**

Conversions

Conversions Part 1

Format	Color
Hex	335B6A
RGB	51, 91, 106
RGB Percent	20%, 36%, 42%
CMY	0.8000, 0.6431, 0.5843
CMYK	0.52, 0.14, 0.00, 0.58
HSL	196°, 35%, 31%
HSV	196°, 52%, 42%
XYZ	7.7078, 9.2266, 15.0103
YIQ	80.7500, -28.6550, -3.8150

Conversions

Conversions Part 2

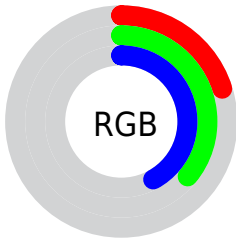
Format	Color
RYB	51, 74, 106
Decimal	3365738
CIELab	36.42, -9.51, -12.94
CIELCh	36, 16.063, 233.685
Yxy	9.2266, 0.2413, 0.2888
Android (android.graphics.Color)	4281555818 (0xFF335B6A)
YUV	80.7500, 12.4482, -26.0907
Hunter-Lab	30.3753, -7.8617, -8.0362

Details

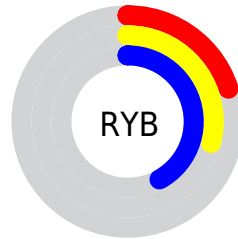
The YUV color **80.7500, 12.4482, -26.0907** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.2500, -12.4482, 26.0907**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8640, 12.8850, -26.1907**, and **33.1410, 12.7485, -29.0647** is the 20% darker color. If you saturate the color by 10%, you get **75.7000, 14.9379, -31.3089**, and if you desaturate by 10%, it is **85.8000, 9.9586, -20.8726**.

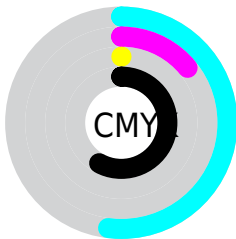
Distribution



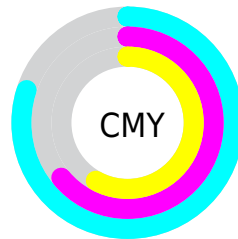
- Red (20%)
- Green (36%)
- Blue (42%)



- Red (20%)
- Yellow (29%)
- Blue (42%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7500, 12.4482, -26.0907 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 80.7500, 12.4482, -26.0907 by changing the saturation by 10% instead.

80.7500, 12.4482,
-26.0907

80.7500, 12.4482,
-26.0907

255.0000, 0.0000,
0.0000

56.1520, 12.7431,
-27.3203

130.8640, 12.8850,
-26.1907

33.1410, 12.7485,
-29.0647

157.8640, 12.8850,
-26.1907

18.8930, 8.9268,
-16.5692

184.6790, 13.4693,
-26.9055

2.4110, 6.6994,
-2.1144

212.6790, 13.4693,
-26.9055

0.0000, 0.0000,
0.0000

239.1970, 7.7909,
-25.6058

249.9170, 2.5059,

-10.4512

■ 80.7500, 12.4482,
-26.0907

■ 80.7500, 12.4482,
-26.0907

■ 75.7000, 14.9379,
-31.3089

■ 85.8000, 9.9586,
-20.8726

■ 70.9490, 17.2801,
-35.9123

■ 90.5510, 7.6164,
-16.2692

■ 65.8990, 19.7698,
-41.1304

■ 95.6010, 5.1267,
-11.0511

■ 61.1480, 22.1120,
-45.7338

■ 100.3520, 2.7845,
-6.4477

■ 57.2830, 24.0175,
-50.2372

■ 104.8150, 0.5842,
-0.7148

■ 109.8650, -1.9054,
4.5034

■ 114.6160, -4.2477,
9.1068

■ 119.6660, -6.7373,
14.3249

■ 124.4170, -9.0796,
18.9283

Harmonies

Analogous

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



79.5880, 8.0911, -28.5797



80.7500, 12.4482, -26.0907



84.0440, 13.2893, -15.8246

Triad

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



80.7500, 12.4482, -26.0907



87.3490, 0.8139, 18.9879



83.8400, -10.7671, 0.1403

Complementary

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



80.7500, 12.4482, -26.0907



76.2500, -12.4482, 26.0907

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.



85.4500, -12.5469, 11.0063



80.7500, 12.4482, -26.0907



87.3510, -5.5960, 21.6172

Square

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



80.7500, 12.4482, -26.0907



87.7870, 6.5140, 10.7108



86.3630, -10.5320, 18.0986



82.3270, -6.0772, -10.8108

Rectangle

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



80.7500, 12.4482, -26.0907



85.8710, 12.3886, -6.9029



86.3630, -10.5320, 18.0986



84.6340, -11.6516, 3.8290

Sweetspot

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



80.7500, 12.4482, -26.0907



127.9000, 4.9793, -10.4363



84.9950, -9.3645, -29.8136



62.7650, 3.0739, -5.9329



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.7500, 12.4482, -26.0907



98.1980, 19.6224, -40.5156



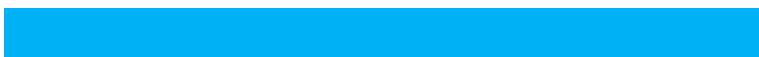
64.9010, 20.2618, -12.1912



51.0320, 1.4632, -2.6591



63.2330, 26.5071, -55.4553



132.4160, 55.5039, -116.1288

Inverse Universe

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



72.0050, 9.3645, 29.8136



84.7820, 14.4045, 46.6722



92.0990, -20.2618, 12.1912



50.2500, 0.8628, 3.2887



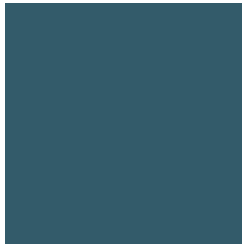
44.6730, 19.8812, 63.4308



93.5470, 41.6353, 132.8243

Previews

White Background



This preview shows how the YUV color 80.7500, 12.4482, -26.0907 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 80.7500, 12.4482, -26.0907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

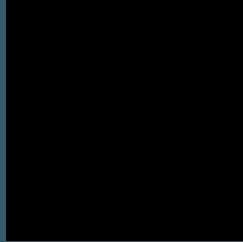
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7500, 12.4482, -26.0907

Background



This preview shows how black text looks on a background with the YUV color 80.7500, 12.4482, -26.0907.



This preview shows how white text looks on a background with the YUV color 80.7500, 12.4482,

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

80.7500, 12.4482, -26.0907

Protanopia

86.0410, 7.8678, -3.5440

Deuteranopia

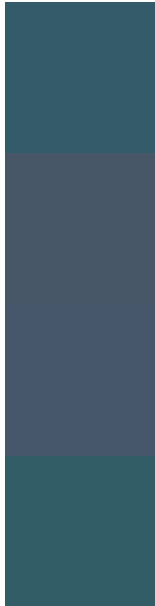
86.1380, 10.7780, -3.6290



Tritanopia

80.0550, 9.8329, -27.2352

Trichromacy



Original Color

80.7500, 12.4482, -26.0907

Protanomaly

84.0400, 9.3473, -11.4361

Deuteranomaly

84.4960, 11.0945, -11.8360

Tritanomaly

80.5820, 10.5591, -26.8204

Monochromacy



Original Color

80.7500, 12.4482, -26.0907

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7500, 12.4482, -26.0907 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(51, 91, 106)` looks like.

```
.text, #text, p{  
    color:rgb(51, 91, 106)  
}
```

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(51, 91, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 91, 106) }
```

Border

The CSS property to change the border of an element to YUV 80.7500, 12.4482, -26.0907 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(51, 91, 106) }
```


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

```
.border{ border-color:rgb(51, 91, 106) }
```

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

Here you see how a box with a 4 pixel rgb(51, 91, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 91, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 91, 106);  
box-shadow:4px 4px 4px 4px rgb(51, 91,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 80.7500, 12.4482, -26.0907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 91, 106) }
```

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

```
.background{ background-color: rgb(51, 91,  
106) }
```

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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