

Converting Colors

YUV(86.7800, 30.1815,
-67.3361)

Have a look what the booklet for
YUV(86.7800, 30.1815, -67.3361)
contains.

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Color

**YUV(86.7800, 30.1815,
-67.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	0A7294
RGB	10, 114, 148
RGB Percent	4%, 45%, 58%
CMY	0.9608, 0.5529, 0.4196
CMYK	0.93, 0.23, 0.00, 0.42
HSL	195°, 87%, 31%
HSV	195°, 93%, 58%
XYZ	11.4878, 14.2373, 30.1596
YIQ	86.7800, -72.8980, -11.4740

Conversions

Conversions Part 2

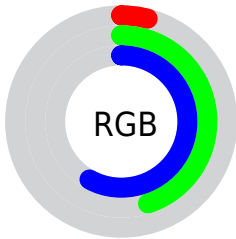
Format	Color
R_{YB}	10, 69, 148
Decimal	684692
CIE _{Lab}	44.57, -13.87, -25.94
CIE _{LCh}	45, 29.415, 241.863
Yxy	14.2373, 0.2056, 0.2548
Android (android.graphics.Color)	4278874772 (0xFF0A7294)
YUV	86.7800, 30.1815, -67.3361
Hunter-Lab	37.7323, -11.6864, -20.9781

Details

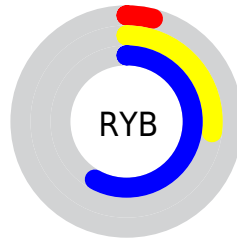
The YUV color **86.7800, 30.1815, -67.3361** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **71.2200, -30.1815, 67.3361**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1840, 27.5173, -52.7814**, and **49.8000, 23.2696, -43.6746** is the 20% darker color. If you saturate the color by 10%, you get **82.6160, 32.2343, -72.4542**, and if you desaturate by 10%, it is **93.6130, 26.8128, -60.1736**.

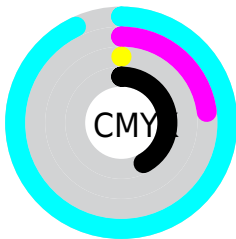
Distribution



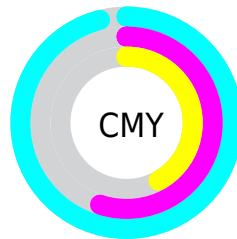
- Red (4%)
- Green (45%)
- Blue (58%)



- Red (4%)
- Yellow (27%)
- Blue (58%)



- Cyan (93%)
- Magenta (23%)
- Yellow (0%)
- Black (42%)



- Cyan (96%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7800, 30.1815, -67.3361 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 86.7800, 30.1815, -67.3361 by changing the saturation by 10% instead.

86.7800, 30.1815,
-67.3361

86.7800, 30.1815,
-67.3361

255.0000, 0.0000,
0.0000

66.1510, 27.5336,
-58.0144

146.1840, 27.5173,
-52.7814

49.8000, 23.2696,
-43.6746

174.1950, 27.5119,
-51.0370

34.1500, 19.1531,
-29.9495

202.1520, 26.0541,
-50.1223

19.7880, 14.8945,
-17.3541

227.8460, 13.3869,
-47.2229

4.4800, 12.0884,
-3.9290

239.4520, 7.6652,
-31.9684

0.0000, 0.0000,
0.0000

248.1230, 3.3904,

-14.1399

■ 86.7800, 30.1815,
-67.3361

■ 86.7800, 30.1815,
-67.3361

■ 82.6160, 32.2343,
-72.4542

■ 93.6130, 26.8128,
-60.1736

■ 99.8590, 23.7335,
-52.4963

■ 106.3930, 20.5123,
-45.9487

■ 113.2260, 17.1436,
-38.7862

■ 119.4720, 14.0643,
-31.1089

■ 126.3050, 10.6956,
-23.9465

■ 133.1380, 7.3270,
-16.7840

■ 139.0850, 4.3951,
-9.7215

■ 145.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



84.0860, 22.6356, -73.7434



86.7800, 30.1815, -67.3361



101.2950, 25.9836, -27.4457

Triad

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



86.7800, 30.1815, -67.3361



107.6010, -1.2823, 38.0609



101.0320, -18.7498, -6.1671

Complementary

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



86.7800, 30.1815, -67.3361



71.2200, -30.1815, 67.3361

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.



103.3120, -23.3248, 14.6354



86.7800, 30.1815, -67.3361



106.0390, -12.3442, 39.4308

Square

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



86.7800, 30.1815, -67.3361



108.4990, 10.1070, 24.9954



105.3940, -20.9002, 30.3495



96.4620, -7.6228, -28.4692

Rectangle

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



86.7800, 30.1815, -67.3361



106.3900, 21.9927, -7.3580



105.3940, -20.9002, 30.3495



101.5060, -20.9555, 1.3102

Sweetspot

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



86.7800, 30.1815, -67.3361



167.5220, 11.5747, -25.8908



94.6540, -25.9584, -74.2416



82.4370, 7.1796, -16.1692



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.



86.7800, 30.1815, -67.3361



106.3020, 41.7561, -93.2269



47.4510, 49.5707, -32.8445



70.7330, 1.6106, -3.2738



76.7800, 30.1815, -67.3361



5.8360, 2.0529, -5.1182

Inverse Universe

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



63.1180, 25.0848, 74.4415



73.5250, 34.7442, 103.0256



110.5490, -49.5707, 32.8445



69.6630, 1.1521, 3.8035



53.1180, 25.0848, 74.4415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 86.7800, 30.1815, -67.3361 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 × Fail

Black Background



This preview shows how the YUV color 86.7800, 30.1815, -67.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

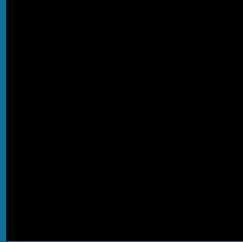
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7800, 30.1815, -67.3361

Background



This preview shows how black text looks on a background with the YUV color 86.7800, 30.1815, -67.3361.

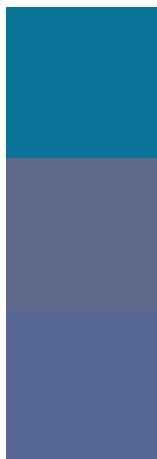


This preview shows how white text looks on a background with the YUV color 86.7800, 30.1815,

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

86.7800, 30.1815, -67.3361

Protanopia

105.4130, 17.0514, -9.1322

Deuteranopia

104.4600, 22.4512, -14.4354



Tritanopia

83.0430, 21.1778, -72.8287

Trichromacy



Original Color

86.7800, 30.1815, -67.3361

Protanomaly

98.8340, 21.7738, -30.5494

Deuteranomaly

98.3220, 24.9843, -33.6084

Tritanomaly

84.5640, 24.3719, -70.6546

Monochromacy



Original Color

86.7800, 30.1815, -67.3361

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0060, 10.8430, -24.5613

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7800, 30.1815, -67.3361 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, 114, 148)` looks like.

```
.text, #text, p{  
    color:rgb(10, 114, 148)  
}
```

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, 114, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 114, 148) }
```

Border

The CSS property to change the border of an element to YUV 86.7800, 30.1815, -67.3361 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, 114, 148) }
```


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

```
.border{ border-color:rgb(10, 114, 148) }
```

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

Here you see how a box with a 4 pixel rgb(10, 114, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 114, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 114, 148);  
box-shadow:4px 4px 4px 4px rgb(10, 114,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 86.7800, 30.1815, -67.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 114, 148) }
```

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

```
.background{ background-color: rgb(10, 114,  
148) }
```

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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