

Converting Colors

YUV(84.7000, 24.7979,
-67.2659)

Have a look what the booklet for
YUV(84.7000, 24.7979, -67.2659)
contains.

YUV(84.7000, 24.7979, -67.2659)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.7000, 24.7979,
-67.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	087287
RGB	8, 114, 135
RGB Percent	3%, 45%, 53%
CMY	0.9686, 0.5529, 0.4706
CMYK	0.94, 0.16, 0.00, 0.47
HSL	190°, 89%, 28%
HSV	190°, 94%, 53%
XYZ	10.4906, 13.8355, 25.0393
YIQ	84.7000, -69.9170, -15.9410

Conversions

Conversions Part 2

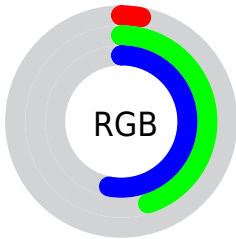
Format	Color
R_{YB}	8, 66, 135
Decimal	553607
CIE _{Lab}	44.00, -18.76, -19.09
CIE _{LCh}	44, 26.767, 225.497
Yxy	13.8355, 0.2125, 0.2803
Android (android.graphics.Color)	4278743687 (0xFF087287)
YUV	84.7000, 24.7979, -67.2659
Hunter-Lab	37.1961, -14.7499, -13.8749

Details

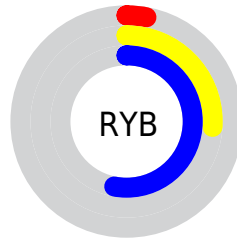
The YUV color **84.7000, 24.7979, -67.2659** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **58.3000, -24.7979, 67.2659**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6910, 21.8443, -53.2260**, and **48.4320, 18.0280, -42.4749** is the 20% darker color. If you saturate the color by 10%, you get **81.7210, 26.2665, -71.6693**, and if you desaturate by 10%, it is **89.7610, 22.3028, -60.3034**.

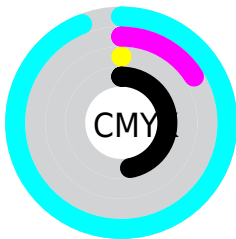
Distribution



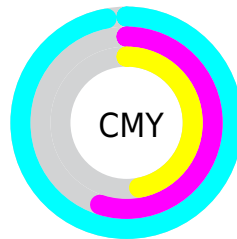
- Red (3%)
- Green (45%)
- Blue (53%)



- Red (3%)
- Yellow (26%)
- Blue (53%)



- Cyan (94%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)



- Cyan (97%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7000, 24.7979, -67.2659 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 84.7000, 24.7979, -67.2659 by changing the saturation by 10% instead.

84.7000, 24.7979,
-67.2659

84.7000, 24.7979,
-67.2659

255.0000, 0.0000,
0.0000

64.7830, 22.2920,
-56.8147

143.6910, 21.8443,
-53.2260

48.4320, 18.0280,
-42.4749

171.4030, 21.9863,
-52.0964

32.3090, 14.6377,
-28.3350

199.8160, 22.2757,
-51.5816

18.6480, 10.5265,
-16.3543

226.3510, 14.1240,
-50.2968

2.7530, 8.0098,
-2.4144

237.9570, 8.4022,
-35.0423

0.0000, 0.0000,
0.0000

246.9270, 3.9800,

-16.5990

■ 84.7000, 24.7979,
-67.2659

■ 84.7000, 24.7979,
-67.2659

■ 81.7210, 26.2665,
-71.6693

■ 89.7610, 22.3028,
-60.3034

■ 95.1210, 19.6603,
-52.7261

■ 101.0680, 16.7285,
-45.6636

■ 106.1290, 14.2334,
-38.7011

■ 111.4890, 11.5909,
-31.1239

■ 116.5500, 9.0959,
-24.1613

■ 122.4970, 6.1640,
-17.0989

■ 127.5580, 3.6689,
-10.1364

■ 132.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



86.8830, 13.8617, -59.5334



84.7000, 24.7979, -67.2659



96.2890, 25.0005, -38.8415

Triad

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



84.7000, 24.7979, -67.2659



106.7400, 4.5652, 29.1690



101.0550, -20.2401, 5.2138

Complementary

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



84.7000, 24.7979, -67.2659



58.3000, -24.7979, 67.2659

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.



103.3390, -20.8731, 21.6277



84.7000, 24.7979, -67.2659



105.6240, -6.2236, 36.2868

Square

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



84.7000, 24.7979, -67.2659



106.7470, 13.9287, 12.4999



104.1970, -15.3801, 33.1532



98.4700, -13.0497, -14.4442

Rectangle

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



84.7000, 24.7979, -67.2659



101.8290, 22.7623, -20.8980



104.1970, -15.3801, 33.1532



102.1590, -21.2774, 11.2616

Sweetspot

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



84.7000, 24.7979, -67.2659



156.6530, 9.5381, -26.0057



84.7150, -28.4535, -67.2791



77.0950, 5.8692, -15.8693



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



84.7000, 24.7979, -67.2659



106.3530, 34.3360, -93.2716



48.3060, 42.7401, -35.3484



63.6190, 1.1738, -3.1739



78.8030, 25.2401, -69.1102



1.5160, 0.7316, -1.3295

Inverse Universe

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



58.0570, 27.5799, 67.4790



69.3820, 38.2657, 93.5040



94.6940, -42.7401, 35.3484



62.3640, 1.2995, 3.1888



51.2960, 28.4481, 69.0234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 84.7000, 24.7979, -67.2659 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 84.7000, 24.7979, -67.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

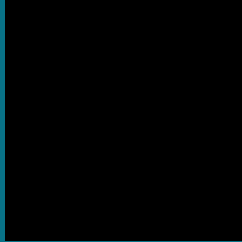
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7000, 24.7979, -67.2659

Background



This preview shows how black text looks on a background with the YUV color 84.7000, 24.7979, -67.2659.

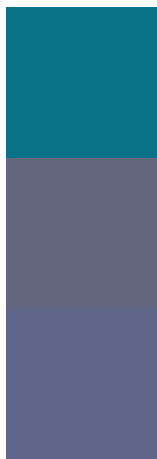


This preview shows how white text looks on a background with the YUV color 84.7000, 24.7979,

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

84.7000, 24.7979, -67.2659

Protanopia

104.2410, 11.2202, -5.4734

Deuteranopia

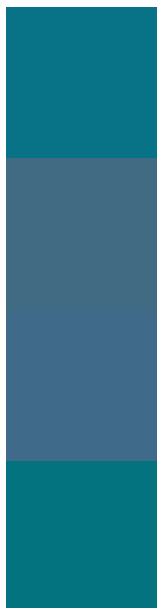
104.0110, 16.7566, -7.9026



Tritanopia

81.6410, 20.8830, -71.5992

Trichromacy



Original Color

84.7000, 24.7979, -67.2659

Protanomaly

97.0640, 16.2374, -28.1201

Deuteranomaly

96.6770, 19.8792, -29.5347

Tritanomaly

82.9940, 22.1880, -70.1547

Monochromacy



Original Color

84.7000, 24.7979, -67.2659

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1370, 8.8065, -24.6761

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7000, 24.7979, -67.2659 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(8, 114, 135)` looks like.

```
.text, #text, p{  
    color:rgb(8, 114, 135)  
}
```

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(8, 114, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 114, 135) }
```

Border

The CSS property to change the border of an element to YUV 84.7000, 24.7979, -67.2659 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(8, 114, 135) }
```


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

```
.border{ border-color:rgb(8, 114, 135) }
```

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

Here you see how a box with a 4 pixel rgb(8, 114, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 114, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 114, 135);  
box-shadow:4px 4px 4px 4px rgb(8, 114,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 84.7000, 24.7979, -67.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 114, 135) }
```

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

```
.background{ background-color: rgb(8, 114,  
135) }
```

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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