

Converting Colors

YUV(87.2340, 21.5766,
-60.7182)

Have a look what the booklet for
YUV(87.2340, 21.5766, -60.7182)
contains.

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Color

**YUV(87.2340, 21.5766,
-60.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	127283
RGB	18, 114, 131
RGB Percent	7%, 45%, 51%
CMY	0.9294, 0.5529, 0.4863
CMYK	0.86, 0.13, 0.00, 0.49
HSL	189°, 76%, 29%
HSV	189°, 86%, 51%
XYZ	10.3635, 13.8019, 23.5906
YIQ	87.2340, -62.6730, -15.0650

Conversions

Conversions Part 2

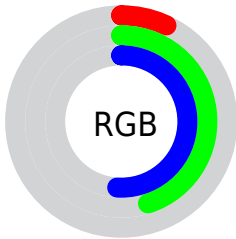
Format	Color
RYB	18, 70, 131
Decimal	1208963
CIELab	43.95, -19.53, -16.76
CIElCh	44, 25.735, 220.649
Yxy	13.8019, 0.2170, 0.2890
Android (android.graphics.Color)	4279399043 (0xFF127283)
YUV	87.2340, 21.5766, -60.7182
Hunter-Lab	37.1509, -15.2204, -11.6430

Details

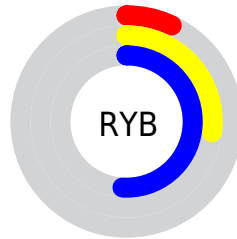
The YUV color **87.2340, 21.5766, -60.7182** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **61.7660, -21.5766, 60.7182**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1320, 19.6549, -50.9818**, and **48.0900, 16.7176, -42.1749** is the 20% darker color. If you saturate the color by 10%, you get **82.1730, 24.0717, -67.6807**, and if you desaturate by 10%, it is **92.2950, 19.0816, -53.7557**.

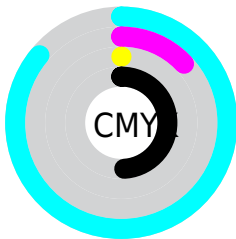
Distribution



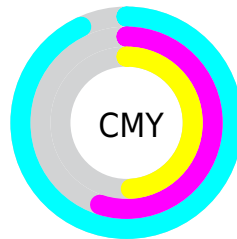
- Red (7%)
- Green (45%)
- Blue (51%)



- Red (7%)
- Yellow (27%)
- Blue (51%)



- Cyan (86%)
- Magenta (13%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2340, 21.5766, -60.7182 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 87.2340, 21.5766, -60.7182 by changing the saturation by 10% instead.

87.2340, 21.5766,
-60.7182

87.2340, 21.5766,
-60.7182

255.0000, 0.0000,
0.0000

64.3270, 20.5448,
-56.4148

144.1320, 19.6549,
-50.9818

48.0900, 16.7176,
-42.1749

171.5450, 19.9443,
-50.4670

31.9670, 13.3273,
-28.0351

199.5450, 19.9443,
-50.4670

18.3060, 9.2161,
-16.0544

226.9490, 13.8291,
-49.0673

2.2970, 6.2626,
-2.0145

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.2260, 3.8326,

-15.9842

■ 87.2340, 21.5766,
-60.7182

■ 87.2340, 21.5766,
-60.7182

■ 82.1730, 24.0717,
-67.6807

■ 92.2950, 19.0816,
-53.7557

■ 80.0910, 25.0981,
-70.2398

■ 97.3560, 16.5865,
-46.7932

■ 102.4170, 14.0914,
-39.8307

■ 107.4780, 11.5963,
-32.8682

■ 112.5390, 9.1013,
-25.9057

■ 117.8990, 6.4588,
-18.3284

■ 122.9600, 3.9637,
-11.3659

■ 128.0210, 1.4686,
-4.4034

■ 133.0820, -1.0264,
2.5591

Harmonies

Analogous

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



89.7270, 10.4876, -50.6266



87.2340, 21.5766, -60.7182



95.6370, 23.8430, -40.9006

Triad

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



87.2340, 21.5766, -60.7182



106.7720, 6.0284, 26.5100



101.7780, -20.1036, 8.0877

Complementary

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



87.2340, 21.5766, -60.7182



61.7660, -21.5766, 60.7182

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.



103.6920, -19.5682, 23.0721



87.2340, 21.5766, -60.7182



105.7810, -4.3290, 35.2721

Square

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



87.2340, 21.5766, -60.7182



106.5400, 14.5238, 8.2964



104.9520, -13.7803, 33.3681



99.2640, -13.9342, -10.7555

Rectangle

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



87.2340, 21.5766, -60.7182



100.9920, 22.1889, -23.6720



104.9520, -13.7803, 33.3681



102.6970, -20.5566, 13.4207

Sweetspot

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



87.2340, 21.5766, -60.7182



153.4360, 8.6591, -24.0614



86.2690, -25.2756, -59.8719



76.5790, 5.1376, -14.5398



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.



87.2340, 21.5766, -60.7182



104.6090, 32.7308, -91.7421



54.3620, 37.7825, -31.8895



63.6190, 1.1738, -3.1739



79.3900, 24.9507, -69.6250



1.5160, 0.7316, -1.3295

Inverse Universe

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



62.7310, 25.2756, 59.8719



67.6590, 38.1291, 90.6301



94.6380, -37.7825, 31.8895



62.3640, 1.2995, 3.1888



51.4100, 28.8849, 68.9234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 87.2340, 21.5766, -60.7182 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 87.2340, 21.5766, -60.7182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

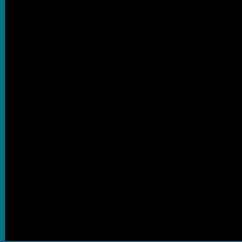
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2340, 21.5766, -60.7182

Background



This preview shows how black text looks on a background with the YUV color 87.2340, 21.5766, -60.7182.

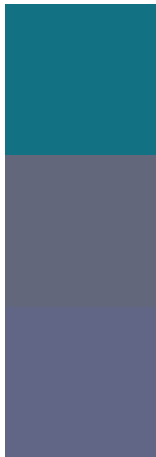


This preview shows how white text looks on a background with the YUV color 87.2340, 21.5766,

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

87.2340, 21.5766, -60.7182

Protanopia

104.0840, 9.3256, -4.4587

Deuteranopia

104.1530, 14.7146, -6.2732



Tritanopia

81.6410, 20.8830, -71.5992

Trichromacy



Original Color

87.2340, 21.5766, -60.7182

Protanomaly

98.1030, 13.7532, -24.6463

Deuteranomaly

97.7160, 17.3950, -26.0609

Tritanomaly

84.0760, 21.1615, -67.5957

Monochromacy



Original Color

87.2340, 21.5766, -60.7182

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2190, 7.7800, -22.1171

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2340, 21.5766, -60.7182 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(18, 114, 131)` looks like.

```
.text, #text, p{  
    color:rgb(18, 114, 131)  
}
```

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(18, 114, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 114, 131) }
```

Border

The CSS property to change the border of an element to YUV 87.2340, 21.5766, -60.7182 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(18, 114, 131) }
```


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

```
.border{ border-color:rgb(18, 114, 131) }
```

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

Here you see how a box with a 4 pixel rgb(18, 114, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 114, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 114, 131);  
box-shadow:4px 4px 4px 4px rgb(18, 114,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 87.2340, 21.5766, -60.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 114, 131) }
```

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

```
.background{ background-color: rgb(18, 114,  
131) }
```

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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