

Converting Colors

YUV(87.2600, 25.5078,
-61.6180)

Have a look what the booklet for
YUV(87.2600, 25.5078, -61.6180)
contains.

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Color

**YUV(87.2600, 25.5078,
-61.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	11718B
RGB	17, 113, 139
RGB Percent	7%, 44%, 55%
CMY	0.9333, 0.5569, 0.4549
CMYK	0.88, 0.19, 0.00, 0.45
HSL	193°, 78%, 31%
HSV	193°, 88%, 55%
XYZ	10.7965, 13.7935, 26.5195
YIQ	87.2600, -65.5620, -12.2660

Conversions

Conversions Part 2

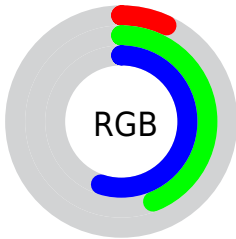
Format	Color
RYB	17, 71, 139
Decimal	1143179
CIELab	43.94, -16.19, -21.56
CIElCh	44, 26.966, 233.098
Yxy	13.7935, 0.2112, 0.2699
Android (android.graphics.Color)	4279333259 (0xFF11718B)
YUV	87.2600, 25.5078, -61.6180
Hunter-Lab	37.1396, -13.1043, -16.3382

Details

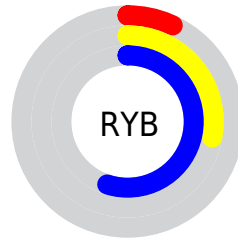
The YUV color **87.2600, 25.5078, -61.6180** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.7400, -25.5078, 61.6180**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8700, 23.7281, -50.7520**, and **48.3010, 20.0646, -42.3600** is the 20% darker color. If you saturate the color by 10%, you get **81.3130, 28.4397, -68.6805**, and if you desaturate by 10%, it is **93.2070, 22.5759, -54.5555**.

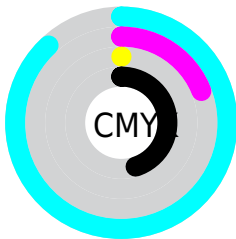
Distribution



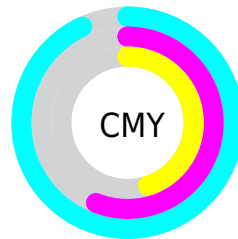
- Red (7%)
- Green (44%)
- Blue (55%)



- Red (7%)
- Yellow (28%)
- Blue (55%)



- Cyan (88%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (93%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2600, 25.5078, -61.6180 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 87.2600, 25.5078, -61.6180 by changing the saturation by 10% instead.

87.2600, 25.5078,
-61.6180

87.2600, 25.5078,
-61.6180

255.0000, 0.0000,
0.0000

64.5380, 23.8918,
-56.5998

144.8700, 23.7281,
-50.7520

48.3010, 20.0646,
-42.3600

172.1690, 23.5807,
-50.1372

32.6510, 15.9481,
-28.6349

200.5820, 23.8701,
-49.6224

18.9900, 11.8369,
-16.6542

226.6610, 13.9711,
-47.9377

3.0950, 9.3202,
-2.7143

238.8540, 7.9600,
-33.1980

0.0000, 0.0000,
0.0000

247.8240, 3.5378,

-14.7546

■ 87.2600, 25.5078,
-61.6180

■ 87.2600, 25.5078,
-61.6180

■ 81.3130, 28.4397,
-68.6805

■ 93.2070, 22.5759,
-54.5555

■ 79.8290, 29.1713,
-70.0100

■ 99.1540, 19.6441,
-47.4931

■ 105.1010, 16.7122,
-40.4306

■ 111.0480, 13.7803,
-33.3681

■ 116.6960, 10.9959,
-26.9204

■ 122.6430, 8.0640,
-19.8579

■ 128.5900, 5.1321,
-12.7954

■ 134.5370, 2.2003,
-5.7329

■ 140.4840, -0.7316,
1.3295

Harmonies

Analogous

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



83.3810, 18.5462, -68.7401



87.2600, 25.5078, -61.6180



98.8060, 24.2526, -32.2789

Triad

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



87.2600, 25.5078, -61.6180



106.6650, 1.6442, 32.7428



100.6630, -19.0609, 0.2955

Complementary

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



87.2600, 25.5078, -61.6180



68.7400, -25.5078, 61.6180

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.



102.7900, -21.5885, 17.7242



87.2600, 25.5078, -61.6180



104.9400, -8.8444, 36.8866

Square

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



87.2600, 25.5078, -61.6180



106.9110, 11.8759, 17.6181



104.3170, -17.4113, 31.2940



97.4200, -10.5601, -19.6623

Rectangle

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



87.2600, 25.5078, -61.6180



103.2320, 21.5776, -14.2355



104.3170, -17.4113, 31.2940



101.6530, -20.5349, 6.4433

Sweetspot

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



87.2600, 25.5078, -61.6180



161.0770, 9.8220, -23.7465



91.3500, -24.8225, -65.2049



79.8070, 6.0111, -14.7397



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



87.2600, 25.5078, -61.6180



103.9880, 37.9669, -91.1975



52.6270, 42.5819, -31.2449



65.7330, 1.6106, -3.2738



76.2100, 27.9975, -66.8362



2.9180, 1.0264, -2.5591

Inverse Universe

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



64.4220, 23.9490, 65.4049



70.3070, 35.3446, 97.0778



103.3730, -42.5819, 31.2449



64.6630, 1.1521, 3.8035



51.6230, 25.8219, 71.3676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 87.2600, 25.5078, -61.6180 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 87.2600, 25.5078, -61.6180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

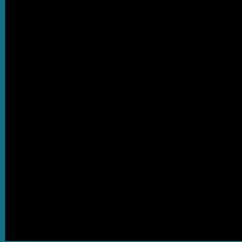
Any Text WCAG AA × Fail

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 87.2600, 25.5078, -61.6180 Background



This preview shows how black text looks on a background with the YUV color 87.2600, 25.5078, -61.6180.



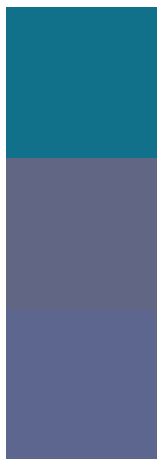
This preview shows how white text looks on a background with the YUV color 87.2600, 25.5078,

-61.6180.

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

87.2600, 25.5078, -61.6180

Protanopia

103.5120, 13.5516, -6.5880

Deuteranopia

103.5700, 18.9460, -10.1469



Tritanopia

81.6410, 20.8830, -71.5992

Trichromacy



Original Color

87.2600, 25.5078, -61.6180

Protanomaly

97.5310, 17.9792, -26.7757

Deuteranomaly

97.7310, 21.3316, -28.7051

Tritanomaly

83.4180, 22.4719, -67.8956

Monochromacy



Original Color

87.2600, 25.5078, -61.6180

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9740, 9.3798, -21.9022

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2600, 25.5078, -61.6180 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(17, 113, 139)` looks like.

```
.text, #text, p{  
    color:rgb(17, 113, 139)  
}
```

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(17, 113, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 113, 139) }
```

Border

The CSS property to change the border of an element to YUV 87.2600, 25.5078, -61.6180 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(17, 113, 139) }
```


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

```
.border{ border-color:rgb(17, 113, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 113, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 113, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 113, 139);  
box-shadow:4px 4px 4px 4px rgb(17, 113,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 87.2600, 25.5078, -61.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 113, 139) }
```

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

```
.background{ background-color: rgb(17, 113,  
139) }
```

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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