

Converting Colors

YUV(88.4660, 46.6053,
-61.7987)

Have a look what the booklet for
YUV(88.4660, 46.6053, -61.7987)
contains.

YUV(88.4660, 46.6053, -61.7987)	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(88.4660, 46.6053,
-61.7987)**

Conversions

Conversions Part 1

Format	Color
Hex	126AB7
RGB	18, 106, 183
RGB Percent	7%, 42%, 72%
CMY	0.9294, 0.5843, 0.2824
CMYK	0.90, 0.42, 0.00, 0.28
HSL	208°, 82%, 39%
HSV	208°, 90%, 72%
XYZ	13.9507, 13.8556, 46.7389
YIQ	88.4660, -77.1650, 5.2910

Conversions

Conversions Part 2

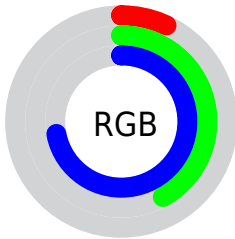
Format	Color
R_{YB}	18, 75, 183
Decimal	1206967
CIE _{Lab}	44.03, 5.02, -47.38
CIE _{LCh}	44, 47.644, 276.048
Yxy	13.8556, 0.1871, 0.1859
Android (android.graphics.Color)	4279397047 (0xFF126AB7)
YUV	88.4660, 46.6053, -61.7987
Hunter-Lab	37.2231, 1.7592, -48.3909

Details

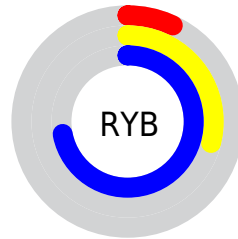
The YUV color **88.4660, 46.6053, -61.7987** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **112.5340, -46.6053, 61.7987**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5220, 45.0987, -45.1848**, and **49.9260, 38.9835, -43.7851** is the 20% darker color. If you saturate the color by 10%, you get **78.3880, 51.5737, -68.7463**, and if you desaturate by 10%, it is **99.1310, 41.3474, -55.3659**.

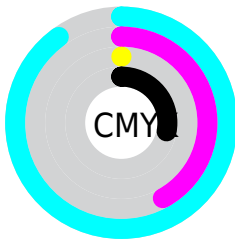
Distribution



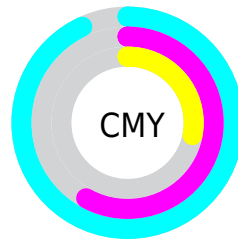
- Red (7%)
- Green (42%)
- Blue (72%)



- Red (7%)
- Yellow (29%)
- Blue (72%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (28%)



- Cyan (93%)
- Magenta (58%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4660, 46.6053, -61.7987 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 88.4660, 46.6053, -61.7987 by changing the saturation by 10% instead.

■ 88.4660, 46.6053,
-61.7987

■ 88.4660, 46.6053,
-61.7987

■ 255.0000, 0.0000,
0.0000

■ 65.9180, 44.4104,
-57.8101

■ 148.5220, 45.0987,
-45.1848

■ 49.9260, 38.9835,
-43.7851

■ 174.4640, 39.7042,
-41.6259

■ 34.7490, 34.1407,
-30.4749

■ 199.8700, 27.1791,
-37.5970

■ 19.5720, 29.2980,
-17.1646

■ 225.2760, 14.6539,
-33.5681

■ 9.3190, 23.0137,
-8.1728

■ 243.6380, 5.6015,
-23.3615

■ 4.9360, 13.8356,
-4.3289

■ 252.6080, 1.1793,

■ 0.6840, 2.6208,

-4.9182

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 88.4660, 46.6053,
-61.7987

■ 88.4660, 46.6053,
-61.7987

■ 78.3880, 51.5737,
-68.7463

■ 99.1310, 41.3474,
-55.3659

■ 109.5080, 36.2316,
-47.8035

■ 120.1730, 30.9737,
-41.3707

■ 130.2510, 26.0053,
-34.4231

■ 141.2150, 20.6000,
-27.3756

■ 151.2930, 15.6316,
-20.4280

■ 161.9580, 10.3737,
-13.9952

■ 172.0360, 5.4053,
-7.0476

■ 183.0000, 0.0000,
0.0000

Harmonies

Analogous

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



88.7430, 43.0177, -77.8276



88.4660, 46.6053, -61.7987



106.6660, 30.2377, 8.1859

Triad

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



88.4660, 46.6053, -61.7987



101.4070, -20.4137, 61.0331



79.0070, -4.4405, -69.2891

Complementary

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



88.4660, 46.6053, -61.7987



112.5340, -46.6053, 61.7987

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.



93.8060, -29.4844, -16.4929



88.4660, 46.6053, -61.7987



100.5730, -35.7785, 42.4705

Square

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



88.4660, 46.6053, -61.7987



102.2390, -2.0898, 63.8114



98.1000, -41.9543, 16.5753



84.8550, 12.8895, -74.4178

Rectangle

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



88.4660, 46.6053, -61.7987



106.7250, 20.8416, 35.3212



98.1000, -41.9543, 16.5753



86.5170, -14.5519, -46.0574

Sweetspot

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



88.4660, 46.6053, -61.7987



200.2540, 18.1158, -23.9018



123.6330, -14.1161, -92.6401



97.7730, 10.9579, -14.7099



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



88.4660, 46.6053, -61.7987



100.9800, 67.0579, -88.5595



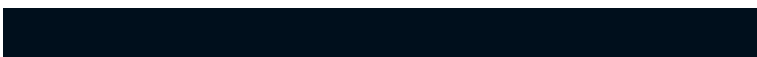
40.3320, 70.3353, -19.5852



86.9610, 2.4842, -3.4738



66.5050, 44.1210, -58.3249



11.9970, 7.8895, -10.5214

Inverse Universe

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



77.3670, 14.1161, 92.6401



85.2270, 20.1011, 133.1049



161.2550, -70.6247, 19.0704



86.2610, 0.8573, 5.0331



56.1060, 13.2587, 87.6070



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 88.4660, 46.6053, -61.7987 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 88.4660, 46.6053, -61.7987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

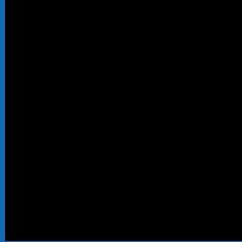
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.4660, 46.6053, -61.7987

Background



This preview shows how black text looks on a background with the YUV color 88.4660, 46.6053, -61.7987.



This preview shows how white text looks on a background with the YUV color 88.4660, 46.6053, -61.7987.

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

88.4660, 46.6053, -61.7987

Protanopia

100.5090, 38.2031, -26.7564

Deuteranopia

92.0650, 44.8310, -52.6770



Tritanopia

81.5270, 20.4462, -71.4992

Trichromacy



Original Color

88.4660, 46.6053, -61.7987

Protanomaly

96.2300, 41.2986, -39.6667

Deuteranomaly

90.5700, 45.5680, -55.7509

Tritanomaly

84.3670, 29.8921, -67.8509

Monochromacy



Original Color

88.4660, 46.6053, -61.7987

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.6240, 16.9474, -22.4722

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4660, 46.6053, -61.7987 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, 106, 183)` looks like.

```
.text, #text, p{  
    color:rgb(18, 106, 183)  
}
```

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, 106, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 106, 183) }
```

Border

The CSS property to change the border of an element to YUV 88.4660, 46.6053, -61.7987 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, 106, 183) }
```


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

```
.border{ border-color:rgb(18, 106, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 106, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 106, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 106, 183);  
box-shadow:4px 4px 4px 4px rgb(18, 106,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 88.4660, 46.6053, -61.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 106, 183) }
```

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

```
.background{ background-color: rgb(18, 106,  
183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor