

Converting Colors

YUV(88.5900, 31.7541,
-58.3994)

Have a look what the booklet for
YUV(88.5900, 31.7541, -58.3994)
contains.

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Color

**YUV(88.5900, 31.7541,
-58.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	166E99
RGB	22, 110, 153
RGB Percent	9%, 43%, 60%
CMY	0.9137, 0.5686, 0.4000
CMYK	0.86, 0.28, 0.00, 0.40
HSL	200°, 75%, 34%
HSV	200°, 86%, 60%
XYZ	11.6566, 13.6223, 32.1520
YIQ	88.5900, -66.2510, -5.2830

Conversions

Conversions Part 2

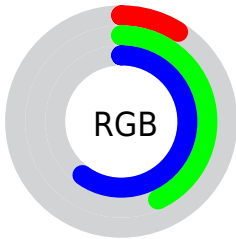
Format	Color
R_{YB}	22, 75, 153
Decimal	1470105
CIE _{Lab}	43.69, -8.85, -30.27
CIE _{LCh}	44, 31.542, 253.701
Yxy	13.6223, 0.2030, 0.2372
Android (android.graphics.Color)	4279660185 (0xFF166E99)
YUV	88.5900, 31.7541, -58.3994
Hunter-Lab	36.9085, -8.2152, -25.8133

Details

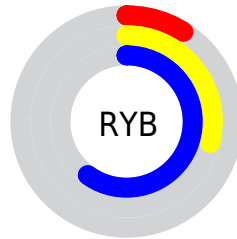
The YUV color **88.5900, 31.7541, -58.3994** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **86.4100, -31.7541, 58.3994**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4280, 30.8480, -47.7334**, and **48.6090, 26.3218, -42.6301** is the 20% darker color. If you saturate the color by 10%, you get **81.1700, 35.4122, -65.0471**, and if you desaturate by 10%, it is **96.0100, 28.0961, -51.7518**.

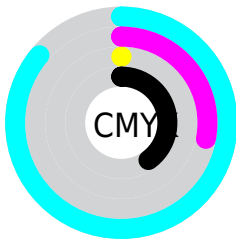
Distribution



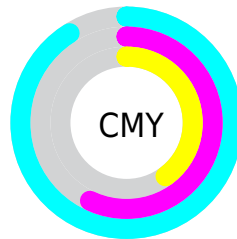
- Red (9%)
- Green (43%)
- Blue (60%)



- Red (9%)
- Yellow (29%)
- Blue (60%)



- Cyan (86%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5900, 31.7541, -58.3994 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 88.5900, 31.7541, -58.3994 by changing the saturation by 10% instead.

■ 88.5900, 31.7541,
-58.3994

■ 88.5900, 31.7541,
-58.3994

■ 255.0000, 0.0000,
0.0000

■ 64.9600, 30.5857,
-56.9699

■ 145.4280, 30.8480,
-47.7334

■ 48.6090, 26.3218,
-42.6301

■ 173.1400, 30.9900,
-46.6038

■ 32.8450, 21.7684,
-28.8051

■ 200.4130, 26.9114,
-45.0892

■ 18.4830, 17.5099,
-16.2096

■ 226.1070, 14.2442,
-42.1898

■ 4.9360, 13.8356,
-4.3289

■ 240.6480, 7.0755,
-29.5093

■ 0.5700, 2.1840,
-0.4999

■ 249.6180, 2.6533,

■ 0.0000, 0.0000,

-11.0660

0.0000

■ 88.5900, 31.7541,
-58.3994

■ 88.5900, 31.7541,
-58.3994

■ 81.1700, 35.4122,
-65.0471

■ 96.0100, 28.0961,
-51.7518

■ 77.9030, 37.0228,
-68.3209

■ 103.7290, 24.2906,
-44.4893

■ 111.1490, 20.6325,
-37.8417

■ 118.5690, 16.9745,
-31.1940

■ 126.2880, 13.1690,
-23.9316

■ 133.7080, 9.5110,
-17.2839

■ 141.1280, 5.8529,
-10.6363

■ 148.5480, 2.1948,
-3.9886

■ 156.2670, -1.6106,
3.2738

Harmonies

Analogous

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



83.3510, 27.4350, -73.0988



88.5900, 31.7541, -58.3994



102.2470, 25.5142, -16.8796

Triad

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



88.5900, 31.7541, -58.3994



104.3690, -6.0979, 42.6494



96.6610, -16.1019, -15.4887

Complementary

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



88.5900, 31.7541, -58.3994



86.4100, -31.7541, 58.3994

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.



100.3280, -24.3187, 6.7283



88.5900, 31.7541, -58.3994



103.6600, -17.5804, 38.8862

Square

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



88.5900, 31.7541, -58.3994



106.2290, 6.2961, 34.0022



102.4490, -24.3784, 25.9162



90.3830, -1.1748, -43.3089

Rectangle

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



88.5900, 31.7541, -58.3994



105.4130, 20.5024, 4.0228



102.4490, -24.3784, 25.9162



97.7930, -19.6179, -7.7115

Sweetspot

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



88.5900, 31.7541, -58.3994



173.4730, 12.5848, -23.2168



103.5710, -20.0015, -71.5378



84.1600, 7.3161, -13.2953



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



88.5900, 31.7541, -58.3994



101.3440, 48.1444, -88.8787



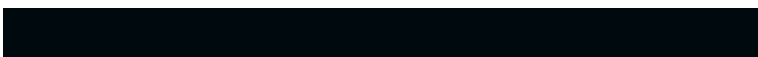
51.0220, 50.2752, -25.4523



72.8470, 2.0474, -3.3738



71.1380, 33.9490, -62.3880



6.7650, 3.0739, -5.9329

Inverse Universe

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



71.2010, 19.1279, 71.7377



74.7770, 29.1969, 108.9436



123.9780, -50.2752, 25.4523



71.9620, 1.0047, 4.4183



52.5760, 20.4220, 76.6708



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 88.5900, 31.7541, -58.3994 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 88.5900, 31.7541, -58.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

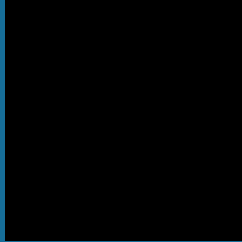
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.5900, 31.7541, -58.3994

Background



This preview shows how black text looks on a background with the YUV color 88.5900, 31.7541, -58.3994.

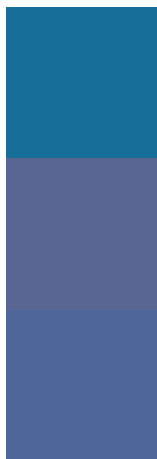


This preview shows how white text looks on a background with the YUV color 88.5900, 31.7541,

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

88.5900, 31.7541, -58.3994

Protanopia

102.5420, 21.4248, -11.8763

Deuteranopia

101.1650, 26.5407, -19.4387

Trichromacy



Original Color

88.5900, 31.7541, -58.3994

Protanomaly

97.4690, 25.4048, -28.4753

Deuteranomaly

96.5330, 28.3312, -33.7934

Monochromacy



Original Color

88.5900, 31.7541, -58.3994

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1420, 11.2690, -21.1725

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5900, 31.7541, -58.3994 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(22, 110, 153)` looks like.

```
.text, #text, p{  
    color:rgb(22, 110, 153)  
}
```

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(22, 110, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 110, 153) }
```

Border

The CSS property to change the border of an element to YUV 88.5900, 31.7541, -58.3994 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(22, 110, 153) }
```

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

```
.border{ border-color:rgb(22, 110, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 110, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 110, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 110, 153);  
box-shadow:4px 4px 4px 4px rgb(22, 110,  
153) }
```


Background

The CSS property to change the background color of an element to YUV 88.5900, 31.7541, -58.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 110, 153) }
```

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

```
.background{ background-color: rgb(22, 110,  
153) }
```

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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