

Converting Colors

YUV(83.7860, 31.1645,
-55.9403)

Have a look what the booklet for
YUV(83.7860, 31.1645, -55.9403)
contains.

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Color

**YUV(83.7860, 31.1645,
-55.9403)**

Conversions

Conversions Part 1

Format	Color
Hex	146893
RGB	20, 104, 147
RGB Percent	8%, 41%, 58%
CMY	0.9216, 0.5922, 0.4235
CMYK	0.86, 0.29, 0.00, 0.42
HSL	200°, 76%, 33%
HSV	200°, 86%, 58%
XYZ	10.5053, 12.1559, 29.3964
YIQ	83.7860, -63.8670, -4.4350

Conversions

Conversions Part 2

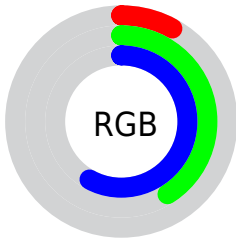
Format	Color
R_{YB}	20, 71, 147
Decimal	1337491
CIE _{Lab}	41.46, -7.73, -30.19
CIE _{LCh}	41, 31.164, 255.635
Yxy	12.1559, 0.2018, 0.2335
Android (android.graphics.Color)	4279527571 (0xFF146893)
YUV	83.7860, 31.1645, -55.9403
Hunter-Lab	34.8654, -7.2306, -25.5841

Details

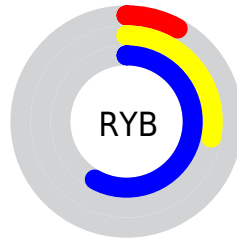
The YUV color **83.7860, 31.1645, -55.9403** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **83.2140, -31.1645, 55.9403**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5100, 29.8216, -45.1743**, and **44.4030, 25.4373, -38.9414** is the 20% darker color. If you saturate the color by 10%, you get **76.3660, 34.8226, -62.5880**, and if you desaturate by 10%, it is **91.2060, 27.5064, -49.2927**.

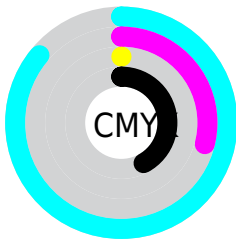
Distribution



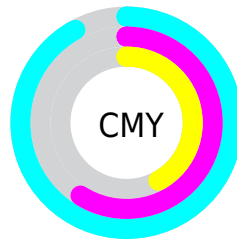
- Red (8%)
- Green (41%)
- Blue (58%)



- Red (8%)
- Yellow (28%)
- Blue (58%)



- Cyan (86%)
- Magenta (29%)
- Yellow (0%)
- Black (42%)



- Cyan (92%)
- Magenta (59%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.7860, 31.1645, -55.9403 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 83.7860, 31.1645, -55.9403 by changing the saturation by 10% instead.

83.7860, 31.1645,
-55.9403

83.7860, 31.1645,
-55.9403

255.0000, 0.0000,
0.0000

60.7540, 29.7013,
-53.2813

140.5100, 29.8216,
-45.1743

44.4030, 25.4373,
-38.9414

167.9230, 30.1110,
-44.6595

29.3400, 21.0314,
-25.7312

195.4070, 29.3793,
-43.3299

13.8040, 17.3516,
-12.1061

221.1010, 16.7122,
-40.4306

3.7790, 11.9410,
-3.3142

239.7510, 7.5178,
-31.3536

0.0000, 0.0000,
0.0000

248.4220, 3.2430,

-13.5251

■ 83.7860, 31.1645,
-55.9403

■ 83.7860, 31.1645,
-55.9403

■ 76.3660, 34.8226,
-62.5880

■ 91.2060, 27.5064,
-49.2927

■ 73.6970, 36.1384,
-64.6323

■ 98.3270, 23.9958,
-43.2598

■ 105.7470, 20.3377,
-36.6121

■ 113.1670, 16.6797,
-29.9645

■ 120.5870, 13.0216,
-23.3168

■ 127.7080, 9.5110,
-17.2839

■ 135.1280, 5.8529,
-10.6363

■ 142.5480, 2.1948,
-3.9886

■ 149.6690, -1.3158,
2.0443

Harmonies

Analogous

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



79.2590, 26.9873, -69.5101



83.7860, 31.1645, -55.9403



97.0300, 24.6352, -14.9353

Triad

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



83.7860, 31.1645, -55.9403



98.8420, -6.8241, 42.2346



91.2910, -14.9335, -16.9182

Complementary

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



83.7860, 31.1645, -55.9403



83.2140, -31.1645, 55.9403

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.



94.5450, -23.4397, 4.7840



83.7860, 31.1645, -55.9403



97.9480, -17.7224, 37.7566

Square

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



83.7860, 31.1645, -55.9403



100.0010, 5.4225, 34.2021



96.5520, -23.9361, 24.0719



84.0130, -0.0064, -44.7384

Rectangle

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



83.7860, 31.1645, -55.9403



99.7830, 19.3340, 5.4523



96.5520, -23.9361, 24.0719



92.4230, -18.4495, -9.1410

Sweetspot

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



83.7860, 31.1645, -55.9403



166.3700, 12.1426, -21.3725



99.3370, -18.4071, -69.5785



82.1600, 7.3161, -13.2953



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



83.7860, 31.1645, -55.9403



95.7360, 46.9652, -83.9605



46.8050, 49.3961, -23.5080



70.1460, 1.9000, -2.7590



69.1490, 33.9435, -60.6437



5.2490, 2.3422, -4.6034

Inverse Universe

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



67.5490, 17.9703, 69.6785



71.4730, 26.8818, 104.8252



120.1950, -49.3961, 23.5080



69.5490, 0.7153, 3.9035



51.6360, 19.4065, 75.7412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 83.7860, 31.1645, -55.9403 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 83.7860, 31.1645, -55.9403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

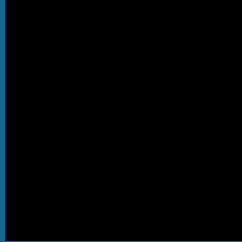
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.7860, 31.1645, -55.9403

Background



This preview shows how black text looks on a background with the YUV color 83.7860, 31.1645, -55.9403.



This preview shows how white text looks on a background with the YUV color 83.7860, 31.1645,

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

83.7860, 31.1645, -55.9403

Protanopia

97.1290, 21.1354, -12.3911

Deuteranopia

95.7520, 26.2513, -19.9535



Tritanopia

76.7340, 19.8511, -67.2957

Trichromacy



Original Color

83.7860, 31.1645, -55.9403

Protanomaly

92.3550, 24.9680, -28.3753

Deuteranomaly

91.7180, 27.7470, -33.0787

Tritanomaly

79.4940, 23.9135, -63.5772

Monochromacy



Original Color

83.7860, 31.1645, -55.9403

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8540, 11.4110, -20.0430

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.7860, 31.1645, -55.9403 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(20, 104, 147)` looks like.

```
.text, #text, p{  
    color:rgb(20, 104, 147)  
}
```

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(20, 104, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 104, 147) }
```

Border

The CSS property to change the border of an element to YUV 83.7860, 31.1645, -55.9403 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(20, 104, 147) }
```


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

```
.border{ border-color:rgb(20, 104, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 104, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 104, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 104, 147);  
box-shadow:4px 4px 4px 4px rgb(20, 104,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 83.7860, 31.1645, -55.9403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 104, 147) }
```

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

```
.background{ background-color: rgb(20, 104,  
147) }
```

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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