

Converting Colors

YUV(121.9860, 11.3459, 0.8893)

Have a look what the booklet for
YUV(121.9860, 11.3459, 0.8893)
contains.

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Color

**YUV(121.9860, 11.3459,
0.8893)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7591
RGB	123, 117, 145
RGB Percent	48%, 46%, 57%
CMY	0.5176, 0.5412, 0.4314
CMYK	0.15, 0.19, 0.00, 0.43
HSL	253°, 11%, 51%
HSV	253°, 19%, 57%
XYZ	19.6405, 18.9779, 29.4160
YIQ	121.9860, -5.4120, 9.9800

Conversions

Conversions Part 2

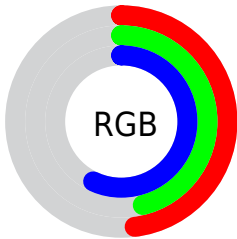
Format	Color
R_{YB}	123, 117, 145
Decimal	8091025
CIE _{Lab}	50.66, 8.27, -14.36
CIE _{LCh}	51, 16.570, 299.938
Yxy	18.9779, 0.2887, 0.2789
Android (android.graphics.Color)	4286281105 (0xFF7B7591)
YUV	121.9860, 11.3459, 0.8893
Hunter-Lab	43.5636, 4.2398, -9.5406

Details

The YUV color $121.9860, 11.3459, 0.8893$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $140.0140, -11.3459, -0.8893$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.5130, 12.0721, 1.3041$, and $73.4590, 10.6197, 0.4745$ is the 20% darker color. If you saturate the color by 10%, you get $109.8920, 17.3082, 1.8487$, and if you desaturate by 10%, it is $134.0800, 5.3836, -0.0702$.

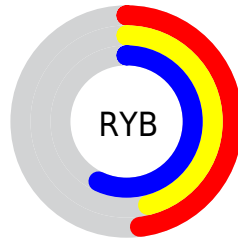
Distribution



Red (48%)

Green (46%)

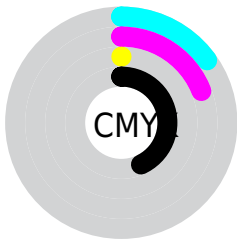
Blue (57%)



Red (48%)

Yellow (46%)

Blue (57%)

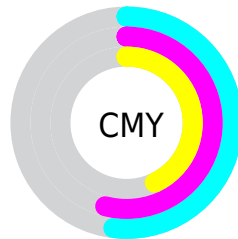


Cyan (15%)

Magenta (19%)

Yellow (0%)

Black (43%)



Cyan (52%)

Magenta (54%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9860, 11.3459, 0.8893 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 121.9860, 11.3459, 0.8893 by changing the saturation by 10% instead.

■ 121.9860, 11.3459,
0.8893

■ 121.9860, 11.3459,
0.8893

255.0000, 0.0000,
0.0000

■ 96.8720, 10.9091,
0.9893

■ 174.5130, 12.0721,
1.3041

■ 73.4590, 10.6197,
0.4745

■ 201.6270, 12.5089,
1.2041

■ 50.9320, 9.8935,
0.0596

■ 229.6270, 12.5089,
1.2041

■ 29.4050, 9.1673,
-0.3552

253.8260, 0.5788,
1.0296

■ 5.2850, 11.1985,
1.5041

■ 0.0000, 0.0000,
0.0000

■ 121.9860, 11.3459,
0.8893

■ 121.9860, 11.3459,
0.8893

■ 109.8920, 17.3082,
1.8487

■ 134.0800, 5.3836,
-0.0702

■ 98.0860, 23.1286,
1.6786

■ 145.8860, -0.4368,
0.1000

■ 86.5790, 28.8016,
2.1232

■ 157.9800, -6.3991,
-0.8595

■ 74.1860, 34.9113,
2.4679

■ 169.7860,
-12.2195, -0.6893

■ 62.6790, 40.5843,
2.9125

■ 181.8800,
-18.1818, -1.6488

■ 50.5850, 46.5466,
3.8720

■ 193.3870,
-23.8548, -2.0934

■ 38.1920, 52.6563,
4.2166

■ 205.7800,
-29.9645, -2.4381

■ 26.6850, 58.3293,

■ 217.2870,

4.6613

-35.6375, -2.8827

■ 25.7990, 58.7661,
4.5613

■ 229.6800,
-41.7472, -3.2274

Harmonies

Analogous

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



119.6960, 14.4469, -13.7654



121.9860, 11.3459, 0.8893



123.2820, 5.7770, 13.7847

Triad

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



121.9860, 11.3459, 0.8893



121.3200, -11.9898, 19.0134



115.4160, 2.2599, -24.9208

Complementary

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



121.9860, 11.3459, 0.8893



140.0140, -11.3459, -0.8893

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.



116.5330, -5.1928, -14.4994



121.9860, 11.3459, 0.8893



120.2110, -13.4150, 9.4620

Square

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



121.9860, 11.3459, 0.8893



122.4930, -7.6380, 23.2466



118.4160, -11.0511, -2.1188



114.6310, 9.5489, -29.4944

Rectangle

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



121.9860, 11.3459, 0.8893



123.1750, 1.3927, 20.0175



118.4160, -11.0511, -2.1188



115.1560, -0.0769, -22.0618

Sweetspot

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



121.9860, 11.3459, 0.8893



179.2650, 4.7994, 0.6446



133.1060, 5.8637, -14.1250



88.9830, 2.4734, 0.0149



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.9860, 11.3459, 0.8893



153.0060, 17.7450, 1.7487



126.1720, 9.2822, 9.4962



65.3960, 2.7628, 0.5297



24.0610, 54.6929, 4.3315



1.5100, 3.1996, 0.4297

Inverse Universe

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



127.8800, 5.4822, 15.0142



162.0320, 8.3652, 23.6509



135.8280, -9.2822, -9.4962



66.7770, 1.5889, 3.7036



52.4490, 26.4006, 72.3972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 121.9860, 11.3459, 0.8893 looks on a white 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

Black Background



This preview shows how the YUV color 121.9860, 11.3459, 0.8893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

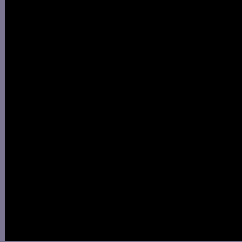
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.9860, 11.3459, 0.8893

Background



This preview shows how black text looks on a background with the YUV color 121.9860, 11.3459, 0.8893.



This preview shows how white text looks on a background with the YUV color 121.9860, 11.3459,

0.8893.

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

121.9860, 11.3459, 0.8893

Protanopia

120.9960, 12.8200, -5.2585

Deuteranopia

121.6760, 11.4987, -1.4699



Tritanopia

121.0260, 3.9312, -0.8998

Trichromacy



Original Color

121.9860, 11.3459, 0.8893

Protanomaly

121.1920, 12.2303, -2.7994

Deuteranomaly

121.9750, 11.3513, -0.8551

Tritanomaly

121.4220, 6.6940, -0.3701

Monochromacy



Original Color

121.9860, 11.3459, 0.8893

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7380, 4.0732, 0.2298

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9860, 11.3459, 0.8893 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(123, 117, 145)` looks like.

```
.text, #text, p{  
    color:rgb(123, 117, 145)  
}
```

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(123, 117, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 117, 145) }
```

Border

The CSS property to change the border of an element to YUV 121.9860, 11.3459, 0.8893 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(123, 117, 145) }
```


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

```
.border{ border-color:rgb(123, 117, 145) }
```

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

Here you see how a box with a 4 pixel rgb(123, 117, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 117, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 117, 145);  
box-shadow:4px 4px 4px 4px rgb(123, 117,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 121.9860, 11.3459, 0.8893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 117, 145) }
```

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

```
.background{ background-color: rgb(123,  
117, 145) }
```

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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