

Converting Colors

YUV(93.8710, 15.8396, 6.2521)

Have a look what the booklet for
YUV(93.8710, 15.8396, 6.2521)
contains.

YUV(93.8710, 15.8396, 6.2521)	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(93.8710, 15.8396,
6.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	65547E
RGB	101, 84, 126
RGB Percent	40%, 33%, 49%
CMY	0.6039, 0.6706, 0.5059
CMYK	0.20, 0.33, 0.00, 0.51
HSL	264°, 20%, 41%
HSV	264°, 33%, 49%
XYZ	12.3030, 10.6137, 21.1389
YIQ	93.8710, -3.3500, 16.6660

Conversions

Conversions Part 2

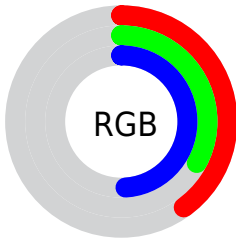
Format	Color
R_{YB}	101, 84, 126
Decimal	6640766
CIE _{Lab}	38.92, 16.19, -21.11
CIE _{LCh}	39, 26.609, 307.486
Yxy	10.6137, 0.2793, 0.2409
Android (android.graphics.Color)	4284830846 (0xFF65547E)
YUV	93.8710, 15.8396, 6.2521
Hunter-Lab	32.5787, 10.3962, -15.6656

Details

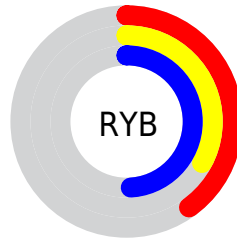
The YUV color **93.8710, 15.8396, 6.2521** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **116.1290, -15.8396, -6.2521**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8110, 16.8552, 7.1818**, and **47.5180, 14.5346, 4.8077** is the 20% darker color. If you saturate the color by 10%, you get **83.8480, 20.7809, 8.0263**, and if you desaturate by 10%, it is **103.5950, 11.0457, 3.8632**.

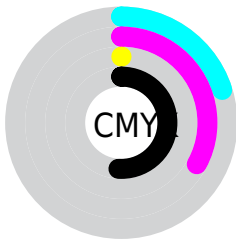
Distribution



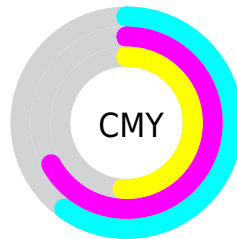
- Red (40%)
- Green (33%)
- Blue (49%)



- Red (40%)
- Yellow (33%)
- Blue (49%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8710, 15.8396, 6.2521 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 93.8710, 15.8396, 6.2521 by changing the saturation by 10% instead.

■ 93.8710, 15.8396,
6.2521

■ 93.8710, 15.8396,
6.2521

■ 255.0000, 0.0000,
0.0000

■ 70.3440, 15.1134,
5.8373

■ 144.8110, 16.8552,
7.1818

■ 47.5180, 14.5346,
4.8077

■ 171.2240, 17.1446,
7.6966

■ 25.9910, 13.8084,
4.3929

■ 198.4520, 18.0182,
7.4966

■ 5.8550, 13.3825,
1.0042

■ 225.8390, 14.3764,
8.9112

■ 0.5700, 2.1840,
-0.4999

■ 247.9560, 3.4727,
6.1776

■ 0.0000, 0.0000,
0.0000

93.8710, 15.8396,
6.2521

93.8710, 15.8396,
6.2521

83.8480, 20.7809,
8.0263

103.5950, 11.0457,
3.8632

74.7110, 25.2855,
9.9005

113.0310, 6.3937,
2.6038

64.6880, 30.2268,
11.6746

123.0540, 1.4524,
0.8296

55.5510, 34.7314,
13.5488

132.1910, -3.0522,
-1.0445

45.5280, 39.6727,
15.3229

142.2140, -7.9935,
-2.8187

35.8040, 44.4666,
17.7119

151.9380,
-12.7874, -5.2076

29.6130, 47.5188,
18.7564

161.3740,
-17.4394, -6.4670

171.0980,

-22.2333, -8.8559

■ 180.5340,
-26.8853, -10.1153

Harmonies

Analogous

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



89.6120, 21.8833, -18.9537



93.8710, 15.8396, 6.2521



94.4020, 7.1968, 25.0804

Triad

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



93.8710, 15.8396, 6.2521



91.4040, -19.4262, 24.2017



73.6120, 11.5303, -58.4187

Complementary

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



93.8710, 15.8396, 6.2521



116.1290, -15.8396, -6.2521

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.



82.9610, -4.4178, -29.7838



93.8710, 15.8396, 6.2521



89.3760, -20.3984, 9.3172

Square

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



93.8710, 15.8396, 6.2521



92.4790, -13.0541, 33.7829



86.9330, -15.2500, -8.7112



73.2120, 21.5875, -64.2069

Rectangle

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



93.8710, 15.8396, 6.2521



93.9100, 0.0444, 32.5279



86.9330, -15.2500, -8.7112



78.0820, 5.3826, -46.5529

Sweetspot

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



93.8710, 15.8396, 6.2521



150.6180, 6.1043, 2.0890



103.4630, 11.1107, -17.0691



74.3360, 3.7784, 1.4593



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



93.8710, 15.8396, 6.2521



113.1840, 24.5593, 9.4856



100.1500, 12.7440, 19.1624



58.6950, 2.6154, 1.1445



30.1400, 48.2450, 19.1712



0.0000, 0.0000, 0.0000

Inverse Universe

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



99.4080, 4.7289, 23.3212



121.8810, 7.4537, 36.0614



109.8500, -12.7440, -19.1624



59.5490, 0.7153, 3.9035



46.9360, 14.3286, 71.0931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.8710, 15.8396, 6.2521 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 93.8710, 15.8396, 6.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

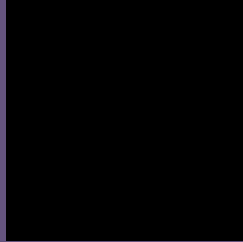
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.8710, 15.8396, 6.2521

Background



This preview shows how black text looks on a background with the YUV color 93.8710, 15.8396, 6.2521.

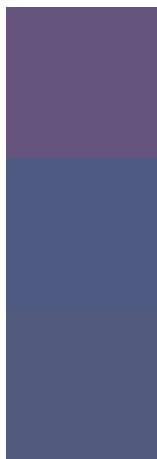


This preview shows how white text looks on a background with the YUV color 93.8710, 15.8396,

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

93.8710, 15.8396, 6.2521

Protanopia

91.3850, 19.5302, -10.8616

Deuteranopia

92.1850, 16.1778, -8.9322



Tritanopia

92.5920, 2.1731, 2.9888

Trichromacy



Original Color

93.8710, 15.8396, 6.2521

Protanomaly

92.3750, 18.0561, -4.7139

Deuteranomaly

92.5170, 16.0141, -3.0844

Tritanomaly

93.2700, 7.2619, 4.1482

Monochromacy



Original Color

93.8710, 15.8396, 6.2521

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8710, 15.8396, 6.2521 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(101, 84, 126)` looks like.

```
.text, #text, p{  
    color:rgb(101, 84, 126)  
}
```

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(101, 84, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 84, 126) }
```

Border

The CSS property to change the border of an element to YUV 93.8710, 15.8396, 6.2521 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(101, 84, 126) }
```


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

```
.border{ border-color:rgb(101, 84, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 84, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 84, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 84, 126);  
box-shadow:4px 4px 4px 4px rgb(101, 84,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 93.8710, 15.8396, 6.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 84, 126) }
```

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

```
.background{ background-color: rgb(101, 84,  
126) }
```

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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