

Converting Colors

YUV(93.1380, 14.2290, 9.5260)

Have a look what the booklet for
YUV(93.1380, 14.2290, 9.5260)
contains.

YUV(93.1380, 14.2290, 9.5260)	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(93.1380, 14.2290,
9.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	68527A
RGB	104, 82, 122
RGB Percent	41%, 32%, 48%
CMY	0.5922, 0.6784, 0.5216
CMYK	0.15, 0.33, 0.00, 0.52
HSL	273°, 20%, 40%
HSV	273°, 33%, 48%
XYZ	12.2391, 10.3828, 19.7714
YIQ	93.1380, 0.2720, 17.1040

Conversions

Conversions Part 2

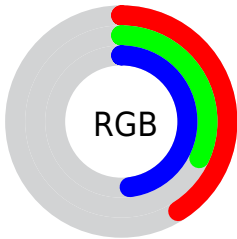
Format	Color
RYB	104, 82, 122
Decimal	6836858
CIELab	38.52, 17.48, -19.25
CIELCh	39, 26.007, 312.243
Yxy	10.3828, 0.2887, 0.2449
Android (android.graphics.Color)	4285026938 (0xFF68527A)
YUV	93.1380, 14.2290, 9.5260
Hunter-Lab	32.2223, 11.4109, -13.8242

Details

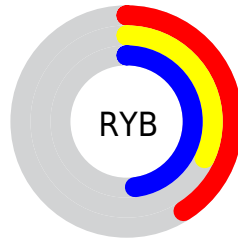
The YUV color **93.1380, 14.2290, 9.5260** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.8620, -14.2290, -9.5260**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0780, 15.2445, 10.4556**, and **46.7850, 12.9240, 8.0816** is the 20% darker color. If you saturate the color by 10%, you get **84.5990, 18.4387, 12.6297**, and if you desaturate by 10%, it is **101.6770, 10.0192, 6.4223**.

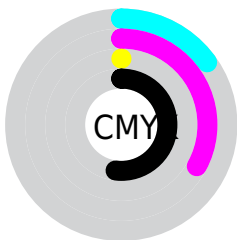
Distribution



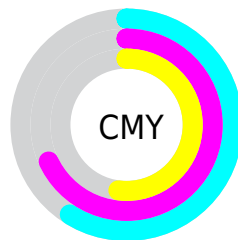
- Red (41%)
- Green (32%)
- Blue (48%)



- Red (41%)
- Yellow (32%)
- Blue (48%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1380, 14.2290, 9.5260 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 93.1380, 14.2290, 9.5260 by changing the saturation by 10% instead.

■ 93.1380, 14.2290,
9.5260

■ 93.1380, 14.2290,
9.5260

■ 255.0000, 0.0000,
0.0000

■ 69.6110, 13.5028,
9.1112

■ 144.0780, 15.2445,
10.4556

■ 46.7850, 12.9240,
8.0816

■ 170.4910, 15.5339,
10.9704

■ 25.2580, 12.1978,
7.6667

■ 197.9040, 15.8233,
11.4852

■ 6.4100, 11.6299,
3.1484

■ 224.9750, 14.8023,
12.2999

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 4.0515,
7.2072

93.1380, 14.2290,
9.5260

93.1380, 14.2290,
9.5260

84.5990, 18.4387,
12.6297

101.6770, 10.0192,
6.4223

75.7610, 22.7958,
15.1186

110.5150, 5.6621,
3.9333

66.6350, 27.2949,
18.7371

119.6410, 1.1630,
0.3148

57.7970, 31.6521,
21.2260

128.4790, -3.1941,
-2.1741

49.2580, 35.8618,
24.3297

137.0180, -7.4039,
-5.2778

40.4200, 40.2189,
26.8187


145.8560,
-11.7610, -7.7667

33.9410, 43.4131,
28.9927

154.3950,
-15.9707, -10.8704

163.8200,

-20.6173, -13.8741

 172.3590,
-24.8270, -16.9778

Harmonies

Analogous

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



90.0040, 20.7040, -14.0355



93.1380, 14.2290, 9.5260



93.5440, 5.1548, 26.7099

Triad

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



93.1380, 14.2290, 9.5260



90.0940, -19.2733, 21.8426



71.4590, 13.5777, -61.7925

Complementary

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



93.1380, 14.2290, 9.5260



110.8620, -14.2290, -9.5260

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.



81.5200, -2.2284, -32.0280



93.1380, 14.2290, 9.5260



88.2940, -19.3719, 6.7582

Square

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



93.1380, 14.2290, 9.5260



91.2400, -13.9223, 32.2385



85.7800, -13.2025, -12.0851



72.1520, 22.6031, -63.2773

Rectangle

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



93.1380, 14.2290, 9.5260



92.5680, -1.2660, 32.8279



85.7800, -13.2025, -12.0851



76.3420, 7.7194, -49.4119

Sweetspot

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



93.1380, 14.2290, 9.5260



146.5150, 5.6621, 3.9333



97.1260, 12.2629, -13.2655



72.5210, 3.1941, 2.1741



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



93.1380, 14.2290, 9.5260



113.2340, 22.0696, 14.7038



98.2920, 10.7020, 20.7919



56.5810, 2.1786, 1.2445



34.8810, 44.4287, 29.9224



70.2890, 89.5835, 60.2595

Inverse Universe

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



96.0120, 1.9661, 22.7915



117.7300, 3.0911, 35.3168



105.7080, -10.7020, -20.7919



57.1360, 0.4260, 3.3887



43.7590, 6.0348, 71.2484



88.3440, 12.6484, 143.5263

Previews

White Background



This preview shows how the YUV color 93.1380, 14.2290, 9.5260 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 93.1380, 14.2290, 9.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

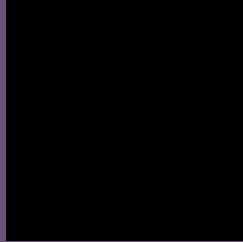
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.1380, 14.2290, 9.5260

Background



This preview shows how black text looks on a background with the YUV color 93.1380, 14.2290, 9.5260.



This preview shows how white text looks on a background with the YUV color 93.1380, 14.2290,

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

93.1380, 14.2290, 9.5260

Protanopia

91.0430, 18.2198, -10.5617

Deuteranopia

90.8540, 14.8620, -6.8880



Tritanopia

91.6850, 1.1413, 7.2923

Trichromacy



Original Color

93.1380, 14.2290, 9.5260

Protanomaly

91.7450, 16.8877, -3.2844

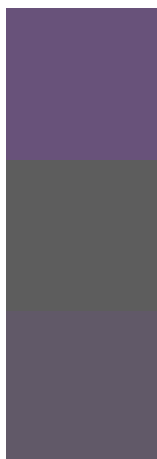
Deuteranomaly

91.4850, 14.5509, -0.4253

Tritanomaly

91.9500, 5.9407, 7.9369

Monochromacy



Original Color

93.1380, 14.2290, 9.5260

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1020, 5.3727, 3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1380, 14.2290, 9.5260 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(104, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(104, 82, 122)  
}
```

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(104, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 82, 122) }
```

Border

The CSS property to change the border of an element to YUV 93.1380, 14.2290, 9.5260 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(104, 82, 122) }
```


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

```
.border{ border-color:rgb(104, 82, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 82, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(104, 82,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 93.1380, 14.2290, 9.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 82, 122) }
```

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

```
.background{ background-color: rgb(104, 82,  
122) }
```

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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