

Converting Colors

YUV(95.5760, 13.5200, 50.3608)

Have a look what the booklet for
YUV(95.5760, 13.5200, 50.3608)
contains.

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Color

**YUV(95.5760, 13.5200,
50.3608)**

Conversions

Conversions Part 1

Format	Color
Hex	993D7B
RGB	153, 61, 123
RGB Percent	60%, 24%, 48%
CMY	0.4000, 0.7608, 0.5176
CMYK	0.00, 0.60, 0.20, 0.40
HSL	320°, 43%, 42%
HSV	320°, 60%, 60%
XYZ	18.3808, 11.5399, 19.9975
YIQ	95.5760, 34.9300, 38.7860

Conversions

Conversions Part 2

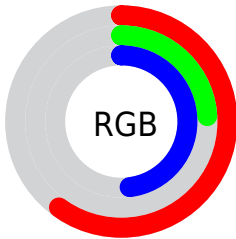
Format	Color
R_{YB}	153, 61, 123
Decimal	10042747
CIE _{Lab}	40.48, 45.71, -16.31
CIE _{LCh}	40, 48.538, 340.361
Yxy	11.5399, 0.3682, 0.2312
Android (android.graphics.Color)	4288232827 (0xFF993D7B)
YUV	95.5760, 13.5200, 50.3608
Hunter-Lab	33.9704, 37.1351, -11.1233

Details

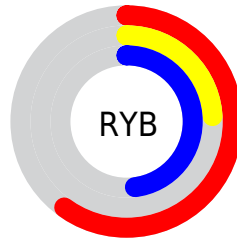
The YUV color **95.5760, 13.5200, 50.3608** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **118.4240, -13.5200, -50.3608**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1850, 13.2198, 53.3348**, and **38.0370, 17.7298, 53.4646** is the 20% darker color. If you saturate the color by 10%, you get **86.2010, 15.6769, 58.5827**, and if you desaturate by 10%, it is **104.9510, 11.3632, 42.1390**.

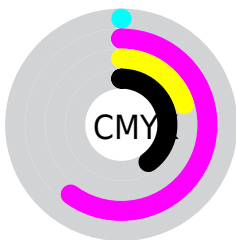
Distribution



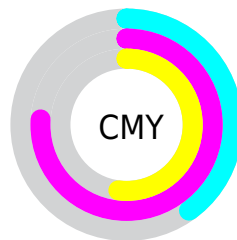
- Red (60%)
- Green (24%)
- Blue (48%)



- Red (60%)
- Yellow (24%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5760, 13.5200, 50.3608 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 95.5760, 13.5200, 50.3608 by changing the saturation by 10% instead.

95.5760, 13.5200,
50.3608

95.5760, 13.5200,
50.3608

255.0000, 0.0000,
0.0000

68.8040, 14.3936,
50.1609

149.1850, 13.2198,
53.3348

38.0370, 17.7298,
53.4646

176.7830, 12.9250,
54.5643

27.6410, 11.5160,
39.7798

201.1950, 14.6939,
47.1870

18.4840, 6.1704,
27.6395

219.7800, 17.3635,
30.8879

3.5880, -1.7689,
7.3773

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 95.5760, 13.5200,
50.3608

■ 95.5760, 13.5200,
50.3608

■ 86.2010, 15.6769,
58.5827

■ 104.9510, 11.3632,
42.1390

■ 76.2390, 18.1232,
67.3194

■ 114.9130, 8.9169,
33.4023

■ 66.8640, 20.2800,
75.5413

■ 124.2880, 6.7600,
25.1804

■ 57.4890, 22.4369,
83.7631

■ 133.6630, 4.6031,
16.9585

■ 143.6250, 2.1569,
8.2219

■ 153.0000, 0.0000,
0.0000

■ 162.3750, -2.1569,
-8.2219

■ 171.7500, -4.3137,
-16.4438

■ 181.7120, -6.7600,
-25.1804

Harmonies

Analogous

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



97.6560, 28.7636, 14.3337



95.5760, 13.5200, 50.3608



91.3810, -4.1318, 65.4409

Triad

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



95.5760, 13.5200, 50.3608



88.0240, -43.3958, 12.2570



82.9750, 31.0713, -72.7691

Complementary

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



95.5760, 13.5200, 50.3608



118.4240, -13.5200, -50.3608

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.



79.3440, 14.6204, -69.5847



95.5760, 13.5200, 50.3608



83.4570, -26.8473, -22.3258

Square

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



95.5760, 13.5200, 50.3608



91.3400, -39.1146, 39.1668



73.3820, -3.1463, -64.3560



82.1890, 43.2908, -72.0798

Rectangle

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



95.5760, 13.5200, 50.3608



91.7430, -16.6353, 62.4924



73.3820, -3.1463, -64.3560



81.7210, 26.2665, -71.6693

Sweetspot

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



95.5760, 13.5200, 50.3608



176.5000, 5.1765, 19.7325



80.1590, 35.9106, 8.6306



85.8750, 3.0196, 11.5106



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.



95.5760, 13.5200, 50.3608



109.7010, 20.8534, 78.3152



90.4460, -6.1359, 54.8599



71.9620, 1.0047, 4.4183



52.6900, 20.8588, 76.5709



4.9130, 2.0149, 7.0923

Inverse Universe

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



95.5760, 13.5200, 50.3608



109.7010, 20.8534, 78.3152



123.5540, 6.1359, -54.8599



71.9620, 1.0047, 4.4183



52.6900, 20.8588, 76.5709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 95.5760, 13.5200, 50.3608 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 95.5760, 13.5200, 50.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

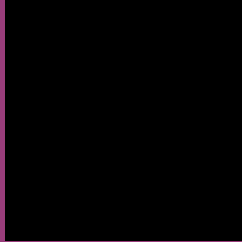
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.5760, 13.5200, 50.3608

Background



This preview shows how black text looks on a background with the YUV color 95.5760, 13.5200, 50.3608.



This preview shows how white text looks on a background with the YUV color 95.5760, 13.5200,

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

95.5760, 13.5200, 50.3608

Protanopia

95.1870, 26.5298, -15.9500

Deuteranopia

97.0350, 10.3357, -1.7847



Tritanopia

95.5930, -9.1663, 46.8379

Trichromacy



Original Color

95.5760, 13.5200, 50.3608

Protanomaly

95.4890, 21.9439, 8.3411

Deuteranomaly

96.4980, 11.5865, 17.1033

Tritanomaly

95.4820, -0.7306, 47.8123

Monochromacy



Original Color

95.5760, 13.5200, 50.3608

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7880, 5.0345, 18.6029

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5760, 13.5200, 50.3608 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(153, 61, 123)` looks like.

```
.text, #text, p{  
    color:rgb(153, 61, 123)  
}
```

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(153, 61, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 61, 123) }
```

Border

The CSS property to change the border of an element to YUV 95.5760, 13.5200, 50.3608 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(153, 61, 123) }
```


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

```
.border{ border-color:rgb(153, 61, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 61, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 61, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 61, 123);  
box-shadow:4px 4px 4px 4px rgb(153, 61,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 95.5760, 13.5200, 50.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 61, 123) }
```

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

```
.background{ background-color: rgb(153, 61,  
123) }
```

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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