

Converting Colors

YUV(99.7100, 20.3560, 51.1203)

Have a look what the booklet for
YUV(99.7100, 20.3560, 51.1203)
contains.

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Color

**YUV(99.7100, 20.3560,
51.1203)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3E8D
RGB	158, 62, 141
RGB Percent	62%, 24%, 55%
CMY	0.3804, 0.7569, 0.4471
CMYK	0.00, 0.61, 0.11, 0.38
HSL	311°, 44%, 43%
HSV	311°, 61%, 62%
XYZ	20.6309, 12.6374, 26.5512
YIQ	99.7100, 31.8570, 44.9210

Conversions

Conversions Part 2

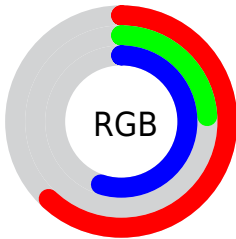
Format	Color
R_{YB}	158, 62, 141
Decimal	10370701
CIE _{Lab}	42.21, 49.58, -24.59
CIE _{LCh}	42, 55.338, 333.623
Yxy	12.6374, 0.3449, 0.2113
Android (android.graphics.Color)	4288560781 (0xFF9E3E8D)
YUV	99.7100, 20.3560, 51.1203
Hunter-Lab	35.5492, 41.3811, -19.3985

Details

The YUV color **99.7100, 20.3560, 51.1203** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **120.2900, -20.3560, -51.1203**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0200, 20.2031, 53.4795**, and **41.3560, 23.9815, 54.9388** is the 20% darker color. If you saturate the color by 10%, you get **89.9760, 23.6758, 59.6570**, and if you desaturate by 10%, it is **109.4440, 17.0361, 42.5836**.

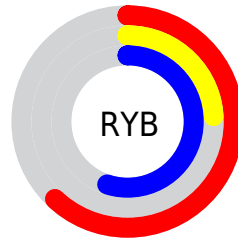
Distribution



Red (62%)

Green (24%)

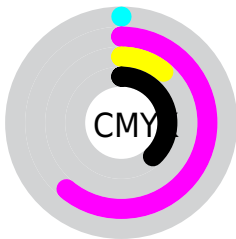
Blue (55%)



Red (62%)

Yellow (24%)

Blue (55%)

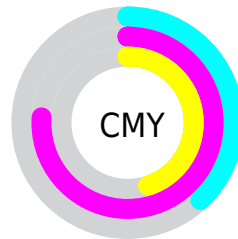


Cyan (0%)

Magenta (61%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (76%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7100, 20.3560, 51.1203 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 99.7100, 20.3560, 51.1203 by changing the saturation by 10% instead.

99.7100, 20.3560,
51.1203

99.7100, 20.3560,
51.1203

255.0000, 0.0000,
0.0000

71.9380, 21.2296,
50.9204

154.0200, 20.2031,
53.4795

41.3560, 23.9815,
54.9388

181.7320, 20.3451,
54.6090

30.6610, 17.9151,
40.6393

204.7630, 23.2878,
44.0578

20.8630, 11.4065,
28.1841

221.5410, 16.4953,
29.3435

9.4990, 6.6560,
11.8404

238.5640, 8.1029,
14.4144

0.0000, 0.0000,
0.0000

■ 99.7100, 20.3560,
51.1203

■ 99.7100, 20.3560,
51.1203

■ 89.9760, 23.6758,
59.6570

■ 109.4440, 17.0361,
42.5836

■ 80.2420, 26.9957,
68.1938

■ 119.1780, 13.7162,
34.0469

■ 71.2090, 30.4630,
76.1157

■ 128.2110, 10.2490,
26.1250

■ 62.0620, 33.4934,
84.1376

■ 137.9450, 6.9291,
17.5882

■ 147.6790, 3.6093,
9.0515

■ 157.4130, 0.2894,
0.5148

■ 167.1470, -3.0305,
-8.0219

■ 176.1800, -6.4977,

-15.9439

■ 185.9140, -9.8176,
-24.4806

Harmonies

Analogous

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



101.3540, 36.8005, 3.1975



99.7100, 20.3560, 51.1203



93.2280, 1.3666, 75.2220

Triad

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



99.7100, 20.3560, 51.1203



92.4980, -45.6015, 19.7343



87.4260, 30.3560, -76.6726

Complementary

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



99.7100, 20.3560, 51.1203



120.2900, -20.3560, -51.1203

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.



82.2960, 10.7001, -72.1736



99.7100, 20.3560, 51.1203



86.1730, -39.5253, -15.9377

Square

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



99.7100, 20.3560, 51.1203



94.2660, -43.5151, 50.6327



75.1770, -8.9613, -65.9302



88.1390, 45.7805, -77.2979

Rectangle

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



99.7100, 20.3560, 51.1203



93.3300, -13.4737, 75.1326



75.1770, -8.9613, -65.9302



85.8300, 24.2408, -75.2729

Sweetspot

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



99.7100, 20.3560, 51.1203



183.8960, 7.9393, 20.2622



77.7280, 39.5741, 0.2385



90.9290, 4.4720, 12.3403



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



99.7100, 20.3560, 51.1203



115.2850, 31.9045, 80.4341



94.3520, -0.1735, 55.8193



74.1900, 1.8783, 4.2184



56.2090, 30.4630, 76.1157



5.9670, 3.4673, 7.9219

Inverse Universe

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



99.7100, 20.3560, 51.1203



115.2850, 31.9045, 80.4341



125.6480, 0.1735, -55.8193



74.1900, 1.8783, 4.2184



56.2090, 30.4630, 76.1157



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 99.7100, 20.3560, 51.1203 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 99.7100, 20.3560, 51.1203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

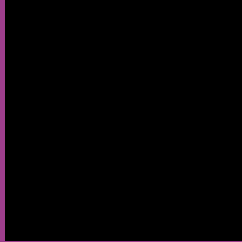
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7100, 20.3560, 51.1203

Background



This preview shows how black text looks on a background with the YUV color 99.7100, 20.3560, 51.1203.



This preview shows how white text looks on a background with the YUV color 99.7100, 20.3560,

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

99.7100, 20.3560, 51.1203

Protanopia

97.6510, 36.1611, -25.1269

Deuteranopia

100.7120, 16.9040, -8.5174



Tritanopia

100.1090, -8.4347, 45.5084

Trichromacy



Original Color

99.7100, 20.3560, 51.1203

Protanomaly

98.3340, 30.4013, 2.3381

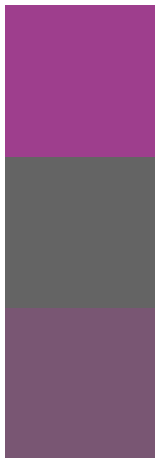
Deuteranomaly

100.4850, 18.0019, 12.7297

Tritanomaly

100.1660, 1.8902, 47.2124

Monochromacy



Original Color

99.7100, 20.3560, 51.1203

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7710, 7.5079, 18.6178

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7100, 20.3560, 51.1203 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(158, 62, 141)` looks like.

```
.text, #text, p{  
    color:rgb(158, 62, 141)  
}
```

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(158, 62, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 62, 141) }
```

Border

The CSS property to change the border of an element to YUV 99.7100, 20.3560, 51.1203 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(158, 62, 141) }
```


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

```
.border{ border-color:rgb(158, 62, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 62, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 62, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 62, 141);  
box-shadow:4px 4px 4px 4px rgb(158, 62,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 99.7100, 20.3560, 51.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 62, 141) }
```

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

```
.background{ background-color: rgb(158, 62,  
141) }
```

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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