

Converting Colors

YUV(62.5150, 6.1551, 79.3553)

Have a look what the booklet for
YUV(62.5150, 6.1551, 79.3553)
contains.

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Color

**YUV(62.5150, 6.1551,
79.3553)**

Conversions

Conversions Part 1

Format	Color
Hex	990E4B
RGB	153, 14, 75
RGB Percent	60%, 5%, 29%
CMY	0.4000, 0.9451, 0.7059
CMYK	0.00, 0.91, 0.51, 0.40
HSL	334°, 83%, 33%
HSV	334°, 91%, 60%
XYZ	14.5639, 7.5944, 7.3549
YIQ	62.5150, 63.2630, 48.4390

Conversions

Conversions Part 2

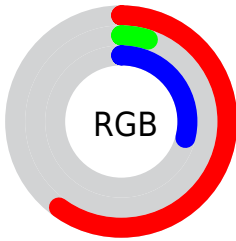
Format	Color
R_{YB}	153, 14, 75
Decimal	10030667
CIE _{Lab}	33.12, 55.82, 3.24
CIE _{LCh}	33, 55.912, 3.326
Yxy	7.5944, 0.4935, 0.2573
Android (android.graphics.Color)	4288220747 (0xFF990E4B)
YUV	62.5150, 6.1551, 79.3553
Hunter-Lab	27.5579, 46.1080, 3.4668

Details

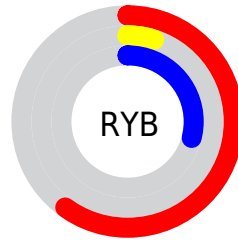
The YUV color **62.5150, 6.1551, 79.3553** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **104.4850, -6.1551, -79.3553**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3700, -0.6754, 76.8515**, and **32.0530, -0.0261, 55.2045** is the 20% darker color. If you saturate the color by 10%, you get **53.3850, 6.7122, 87.3624**, and if you desaturate by 10%, it is **72.3460, 5.7454, 70.7336**.

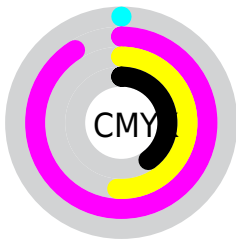
Distribution



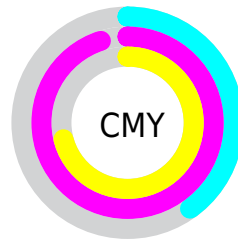
- Red (60%)
- Green (5%)
- Blue (29%)



- Red (60%)
- Yellow (5%)
- Blue (29%)



- Cyan (0%)
- Magenta (91%)
- Yellow (51%)
- Black (40%)



- Cyan (40%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.5150, 6.1551, 79.3553 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 62.5150, 6.1551, 79.3553 by changing the saturation by 10% instead.

62.5150, 6.1551,
79.3553

62.5150, 6.1551,
79.3553

255.0000, 0.0000,
0.0000

43.1180, 4.8718,
70.9335

124.3700, -0.6754,
76.8515

32.0530, -0.0261,
55.2045

152.4520, -1.7018,
79.4106

21.4290, -7.1135,
41.7198

175.5540, 0.2199,
69.6741

11.7750, -5.3121,
23.8763

195.0680, 3.9105,
52.5604

0.0000, 0.0000,
0.0000

214.6960, 8.0379,
35.3466

234.4550, 10.1287,

18.0180

252.0650, 1.4470,
2.5740

62.5150, 6.1551,
79.3553

62.5150, 6.1551,
79.3553

53.3850, 6.7122,
87.3624

72.3460, 5.7454,
70.7336

82.6500, 4.6095,
61.6969

92.4810, 4.1999,
53.0752

102.1980, 3.3534,
44.5534

112.0290, 2.9437,
35.9316

■ 122.4470, 2.2446,
26.7950

■ 132.1640, 1.3981,
18.2732

■ 141.9950, 0.9885,
9.6514

■ 152.2990, -0.1474,
0.6148

Harmonies

Analogous

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



74.3510, 21.5190, 51.4352



62.5150, 6.1551, 79.3553



67.8580, -17.6780, 70.2845

Triad

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



62.5150, 6.1551, 79.3553



65.6980, -32.3891, -18.1521



72.4890, 41.6639, -63.5729

Complementary

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



62.5150, 6.1551, 79.3553



104.4850, -6.1551, -79.3553

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.



70.7160, 27.2550, -62.0179



62.5150, 6.1551, 79.3553



59.1680, -11.9148, -51.8903

Square

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



62.5150, 6.1551, 79.3553



73.2940, -36.1339, 16.4052



66.2870, 7.7465, -58.1337



67.1720, 49.2152, -58.9098

Rectangle

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



62.5150, 6.1551, 79.3553



70.8890, -34.9483, 56.2253



66.2870, 7.7465, -58.1337



72.1640, 37.8801, -63.2878

Sweetspot

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



62.5150, 6.1551, 79.3553



163.8820, 2.5232, 30.7985



52.5700, 49.5120, 32.8261



78.8650, 1.5456, 17.6584



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.



62.5150, 6.1551, 79.3553



69.4190, 8.6674, 113.6425



59.6700, -22.5153, 81.8504



71.7340, 0.1311, 4.6183



48.9280, 6.4445, 79.8701



4.5710, 0.7045, 7.3922

Inverse Universe

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



62.5150, 6.1551, 79.3553



69.4190, 8.6674, 113.6425



107.3300, 22.5153, -81.8504



71.7340, 0.1311, 4.6183



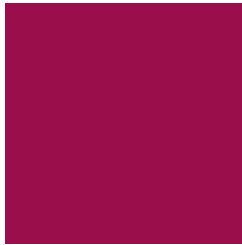
48.9280, 6.4445, 79.8701



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 62.5150, 6.1551, 79.3553 looks on a white background.

Color Contrast Check

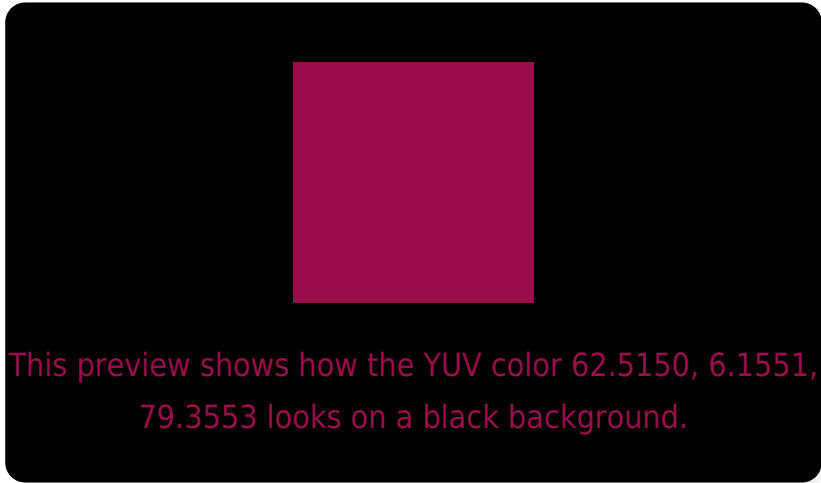
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

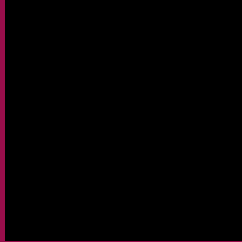
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.5150, 6.1551, 79.3553

Background



This preview shows how black text looks on a background with the YUV color 62.5150, 6.1551, 79.3553.



This preview shows how white text looks on a background with the YUV color 62.5150, 6.1551,

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

62.5150, 6.1551, 79.3553

Protanopia

80.0990, 13.2622, -7.1028

Deuteranopia

80.5730, -5.7055, 10.0215



Tritanopia

67.5810, -17.5414, 73.1585

Trichromacy



Original Color

62.5150, 6.1551, 79.3553

Protanomaly

73.3140, 10.6912, 24.2806

Deuteranomaly

73.8780, -1.4189, 35.1870

Tritanomaly

65.5950, -8.6743, 75.7772

Monochromacy



Original Color

62.5150, 6.1551, 79.3553

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7570, 2.0918, 29.1541

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.5150, 6.1551, 79.3553 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, 14, 75)` looks like.

```
.text, #text, p{  
    color:rgb(153, 14, 75)  
}
```

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, 14, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 14, 75) }
```

Border

The CSS property to change the border of an element to YUV 62.5150, 6.1551, 79.3553 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, 14, 75) }
```


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

```
.border{ border-color:rgb(153, 14, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 14, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 14, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 14, 75);  
box-shadow:4px 4px 4px 4px rgb(153, 14,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 62.5150, 6.1551, 79.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 14, 75) }
```

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

```
.background{ background-color: rgb(153, 14,  
75) }
```

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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