

Converting Colors

YUV(121.8250, 12.4113,
32.6025)

Have a look what the booklet for
YUV(121.8250, 12.4113, 32.6025)
contains.

YUV(121.8250, 12.4113, 32.6025)	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(121.8250, 12.4113,
32.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6293
RGB	159, 98, 147
RGB Percent	62%, 38%, 58%
CMY	0.3765, 0.6157, 0.4235
CMYK	0.00, 0.38, 0.08, 0.38
HSL	312°, 24%, 50%
HSV	312°, 38%, 62%
XYZ	23.9322, 18.2129, 29.8578
YIQ	121.8250, 20.6270, 28.1710

Conversions

Conversions Part 2

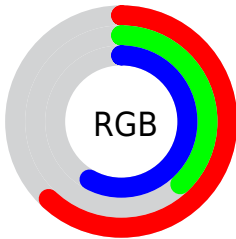
Format	Color
R _Y B	159, 98, 147
Decimal	10445459
CIE Lab	49.75, 32.31, -16.57
CIE LCh	50, 36.312, 332.853
Yxy	18.2129, 0.3324, 0.2529
Android (android.graphics.Color)	4288635539 (0xFF9F6293)
YUV	121.8250, 12.4113, 32.6025
Hunter-Lab	42.6765, 25.4155, -11.6075

Details

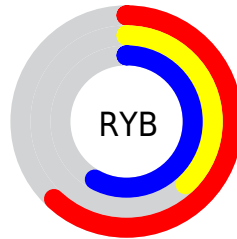
The YUV color **121.8250, 12.4113, 32.6025** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.1750, -12.4113, -32.6025**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2490, 12.6952, 34.8616**, and **71.4010, 12.1273, 30.3433** is the 20% darker color. If you saturate the color by 10%, you get **112.0910, 15.7311, 41.1392**, and if you desaturate by 10%, it is **131.5590, 9.0914, 24.0658**.

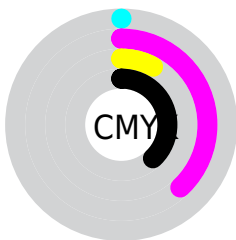
Distribution



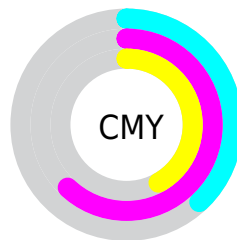
- Red (62%)
- Green (38%)
- Blue (58%)



- Red (62%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (38%)





- Cyan (38%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.8250, 12.4113, 32.6025 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 121.8250, 12.4113, 32.6025 by changing the saturation by 10% instead.


 121.8250, 12.4113,
32.6025


 121.8250, 12.4113,
32.6025


255.0000, 0.0000,
0.0000


 96.1130, 12.2693,
31.4729


 175.2490, 12.6952,
34.8616

 71.4010, 12.1273,
30.3433


 202.9610, 12.8372,
35.9912


 47.1020, 12.2747,
29.7285

 225.6500, 14.4696,
25.7400

 22.7430, 13.4377,
30.0434

 242.0860, 6.3666,
11.3256

 14.6680, 7.0657,
20.4622

 0.0000, 0.0000,
0.0000

121.8250, 12.4113,
32.6025

121.8250, 12.4113,
32.6025

112.0910, 15.7311,
41.1392

131.5590, 9.0914,
24.0658

102.3570, 19.0510,
49.6759

141.2930, 5.7716,
15.5290

92.6230, 22.3709,
58.2126

151.0270, 2.4517,
6.9923

82.7750, 25.2539,
66.8493

160.8750, -0.4314,
-1.6444

73.0410, 28.5738,
75.3860

170.6090, -3.7512,
-10.1811

63.8940, 31.6043,
83.4080


179.7560, -6.7817,
-18.2030

62.1330, 32.4724,
84.9524

189.4900,
-10.1016, -26.7397

199.2240,

-13.4214, -35.2764

 208.9580,
-16.7413, -43.8132

Harmonies

Analogous

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



120.7380, 24.2862, 3.7378



121.8250, 12.4113, 32.6025



120.2540, -1.6042, 48.0122

Triad

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



121.8250, 12.4113, 32.6025



115.6020, -29.8768, 16.1350



95.2850, 27.4675, -83.5649

Complementary

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



121.8250, 12.4113, 32.6025



135.1750, -12.4113, -32.6025

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.



92.3380, 13.6374, -80.9804



121.8250, 12.4113, 32.6025



111.8700, -23.1069, -8.6560

Square

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



121.8250, 12.4113, 32.6025



117.6460, -26.4475, 36.2675



106.1680, -8.4638, -38.7353



95.4450, 38.2346, -83.7053

Rectangle

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



121.8250, 12.4113, 32.6025



119.0450, -11.3612, 50.8265



106.1680, -8.4638, -38.7353



94.7320, 22.8101, -83.0800

Sweetspot

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



121.8250, 12.4113, 32.6025



191.7550, 5.0508, 13.3699



108.2430, 25.0232, 0.6639



95.8530, 3.0305, 8.0219



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.



121.8250, 12.4113, 32.6025



149.0690, 19.1930, 50.8055



118.4050, -0.6927, 35.6018



74.0760, 1.4415, 4.3183



55.8670, 29.1526, 76.4156



5.8530, 3.0305, 8.0219

Inverse Universe

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



121.8250, 12.4113, 32.6025



149.0690, 19.1930, 50.8055



138.5950, 0.6927, -35.6018



74.0760, 1.4415, 4.3183



55.8670, 29.1526, 76.4156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 121.8250, 12.4113, 32.6025 looks on a white background.

Color Contrast Check

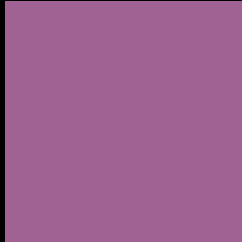
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8250, 12.4113, 32.6025 looks on a black 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

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

YUV 121.8250, 12.4113, 32.6025

Background



This preview shows how black text looks on a background with the YUV color 121.8250, 12.4113, 32.6025.



This preview shows how white text looks on a background with the YUV color 121.8250, 12.4113,

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

121.8250, 12.4113, 32.6025

Protanopia

118.7270, 20.8406, -11.1616

Deuteranopia

119.7900, 11.9355, -1.5698



Tritanopia

120.8620, -3.8760, 29.9390

Trichromacy



Original Color

121.8250, 12.4113, 32.6025

Protanomaly

119.7290, 17.8816, 4.6227

Deuteranomaly

120.2800, 12.1870, 11.1554

Tritanomaly

120.7680, 2.0864, 30.8985

Monochromacy



Original Color

121.8250, 12.4113, 32.6025

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.6300, 4.6194, 11.7255

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8250, 12.4113, 32.6025 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(159, 98, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 98, 147)  
}
```

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(159, 98, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 98, 147) }
```

Border

The CSS property to change the border of an element to YUV 121.8250, 12.4113, 32.6025 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(159, 98, 147) }
```


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

```
.border{ border-color:rgb(159, 98, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 98, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 98, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 98, 147); box-shadow:4px 4px 4px 4px rgb(159, 98, 147) }
```

Background

The CSS property to change the background color of an element to YUV 121.8250, 12.4113, 32.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 98, 147) }
```

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

```
.background{ background-color: rgb(159, 98,  
147) }
```

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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